

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019804.D
 Acq On : 21 Feb 2024 12:51
 Operator : MA/JU
 Sample : PB159105TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159105TB

Quant Time: Feb 21 13:15:37 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	7.893	152	66761	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	242516	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	153271	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	311350	20.000	ng	0.00
76) Chrysene-d12	21.386	240	248026	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	277496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	551179	133.080	ng	0.00
7) Phenol-d6	7.069	99	675151	120.897	ng	0.00
23) Nitrobenzene-d5	9.063	82	469916	83.962	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	317943	142.074	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1050917	84.763	ng	0.00
79) Terphenyl-d14	19.851	244	1496622	99.234	ng	-0.01

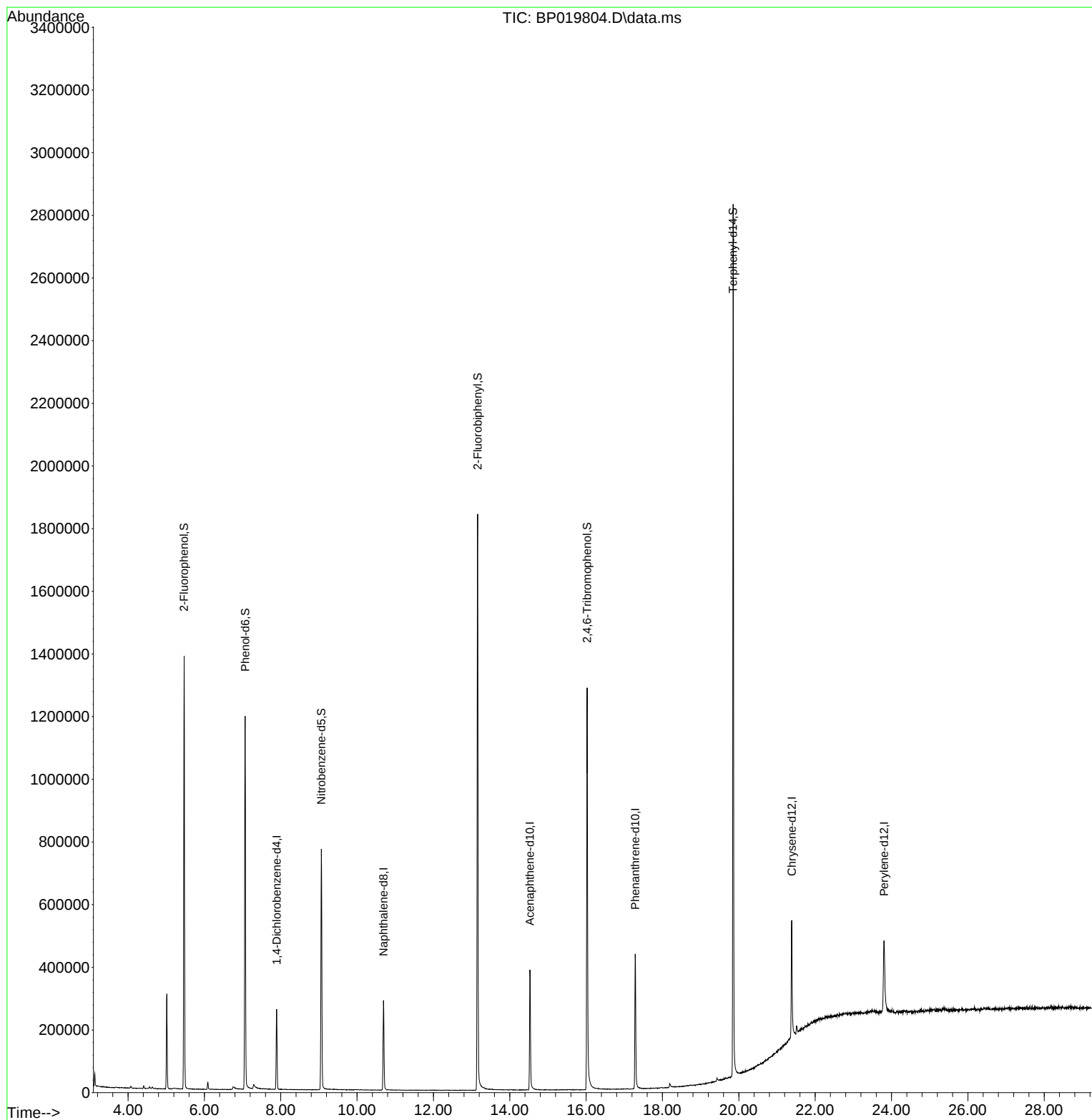
Target Compounds	Qvalue

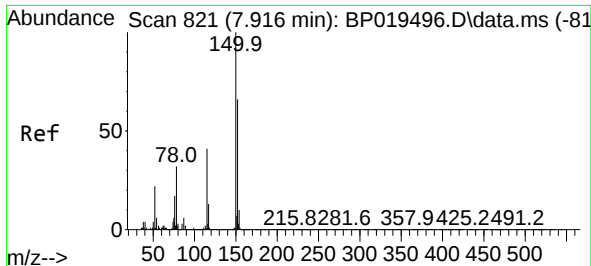
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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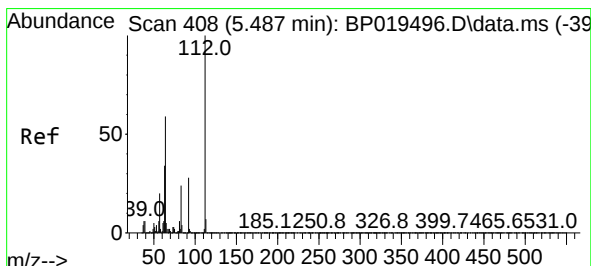
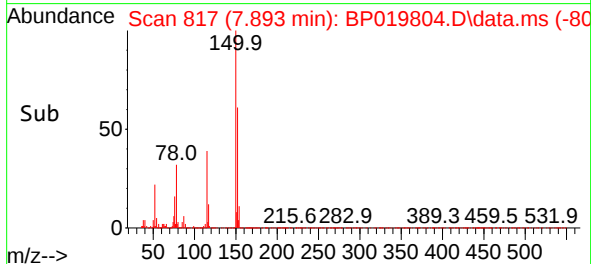
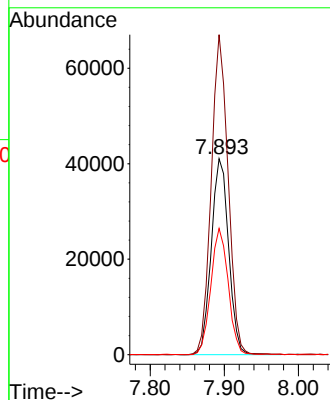
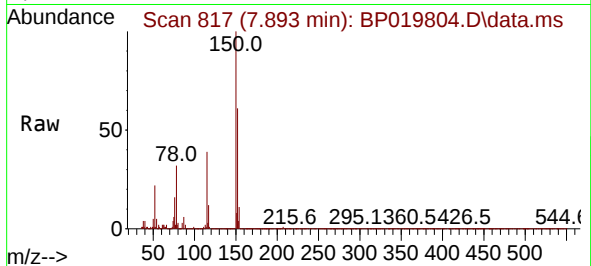




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019804.D
Acq: 21 Feb 2024 12:51

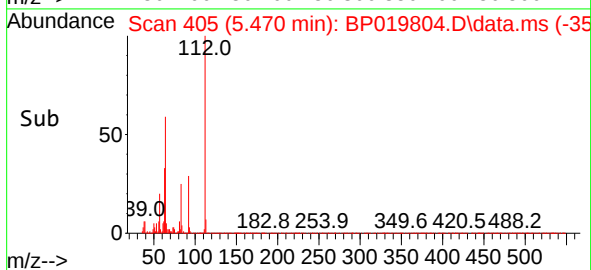
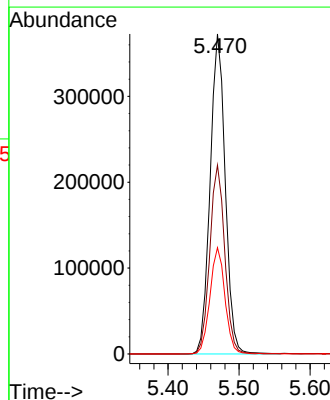
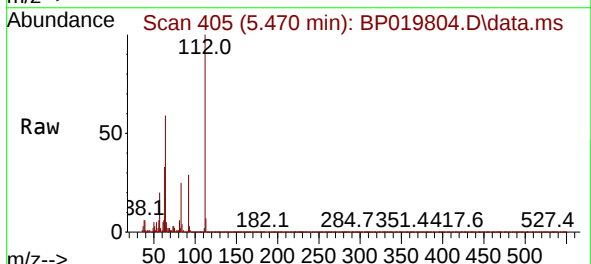
Instrument :
BNA_P
ClientSampleId :
PB159105TB

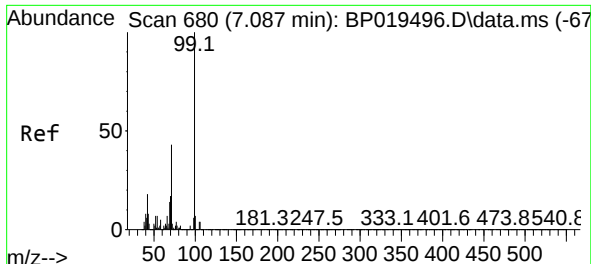
Tgt Ion:152 Resp: 66761
Ion Ratio Lower Upper
152 100
150 163.3 121.8 182.8
115 64.4 49.9 74.9



#5
2-Fluorophenol
Concen: 133.080 ng
RT: 5.470 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019804.D
Acq: 21 Feb 2024 12:51

Tgt Ion:112 Resp: 551179
Ion Ratio Lower Upper
112 100
64 59.0 47.4 71.0
63 33.2 27.0 40.6

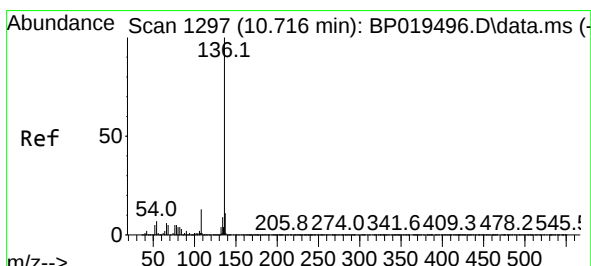
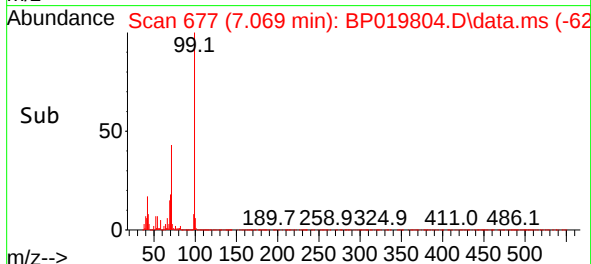
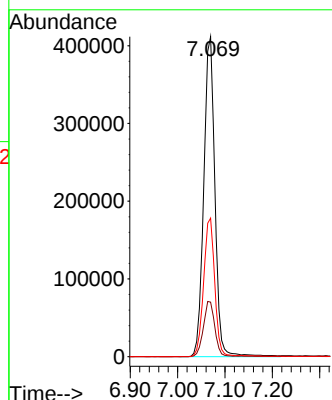
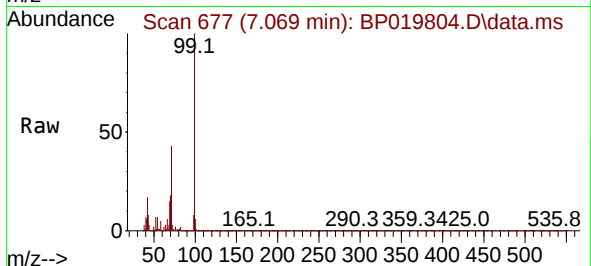




#7
Phenol-d6
Concen: 120.897 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019804.D
Acq: 21 Feb 2024 12:51

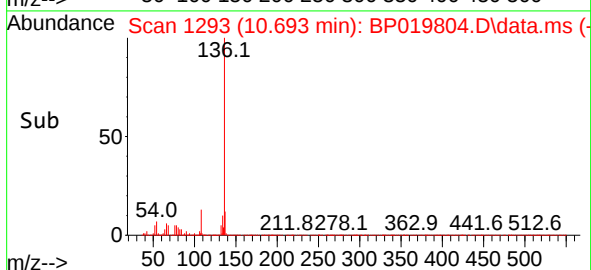
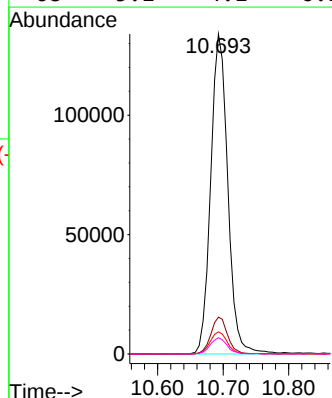
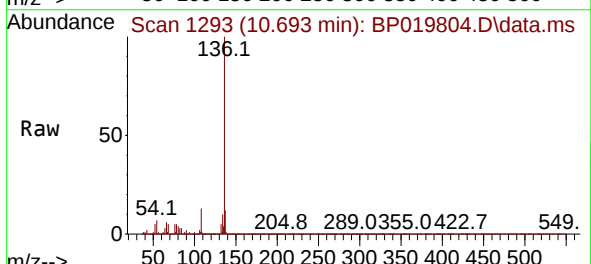
Instrument :
BNA_P
ClientSampleId :
PB159105TB

Tgt Ion: 99 Resp: 675151
Ion Ratio Lower Upper
99 100
42 17.0 14.7 22.1
71 43.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019804.D
Acq: 21 Feb 2024 12:51

Tgt Ion: 136 Resp: 242516
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 6.9 5.3 7.9
68 5.1 4.1 6.1

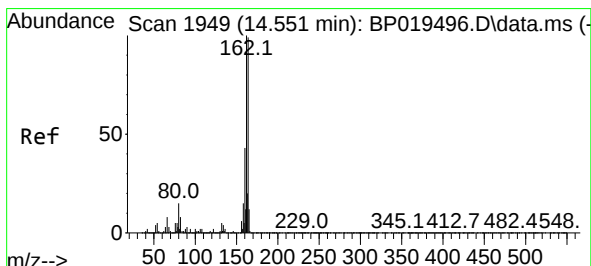
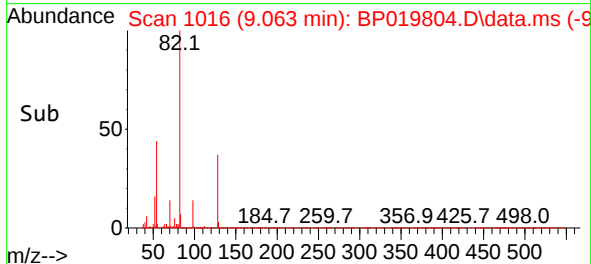
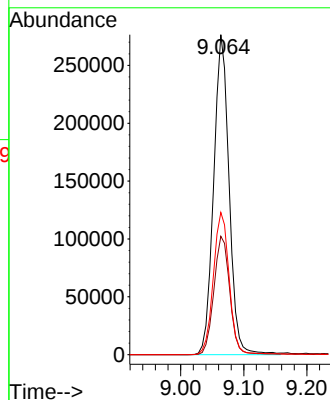
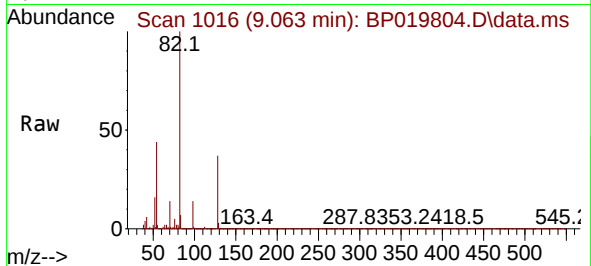




#23
Nitrobenzene-d5
Concen: 83.962 ng
RT: 9.063 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP019804.D
Acq: 21 Feb 2024 12:51

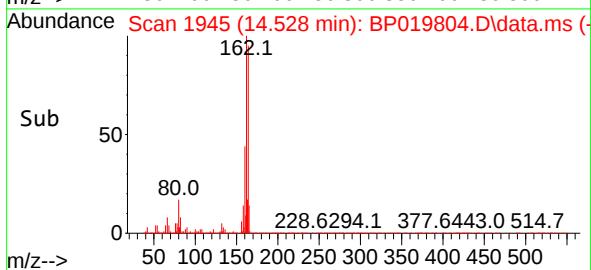
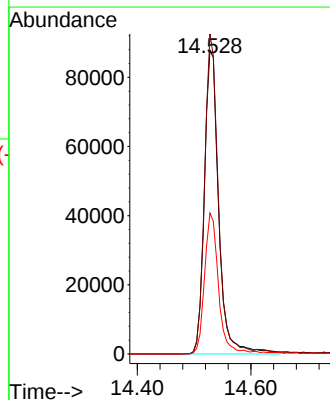
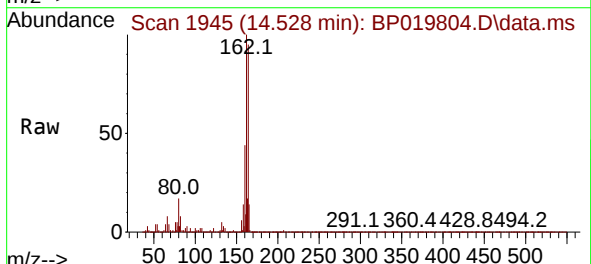
Instrument :
BNA_P
ClientSampleId :
PB159105TB

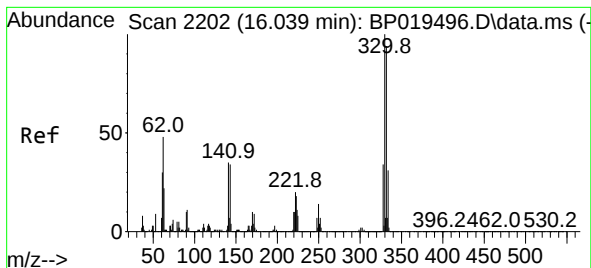
Tgt Ion: 82 Resp: 469916
Ion Ratio Lower Upper
82 100
128 37.0 29.7 44.5
54 44.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019804.D
Acq: 21 Feb 2024 12:51

Tgt Ion: 164 Resp: 153271
Ion Ratio Lower Upper
164 100
162 105.3 81.2 121.8
160 46.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 142.074 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019804.D

Acq: 21 Feb 2024 12:51

Instrument :

BNA_P

ClientSampleId :

PB159105TB

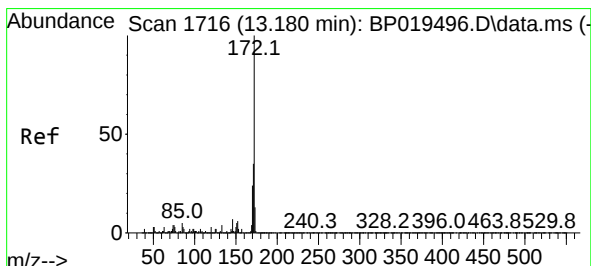
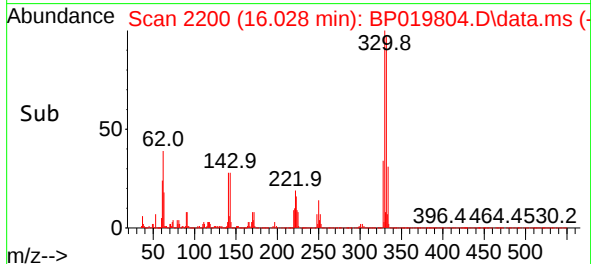
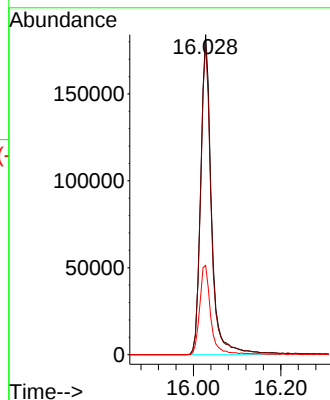
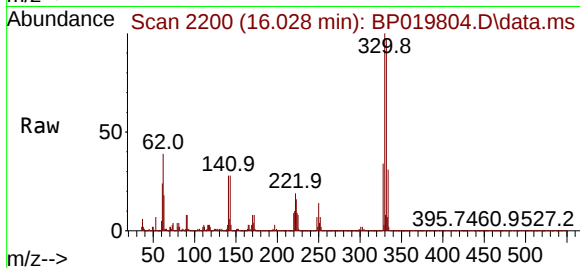
Tgt Ion:330 Resp: 317943

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 28.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 84.763 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019804.D

Acq: 21 Feb 2024 12:51

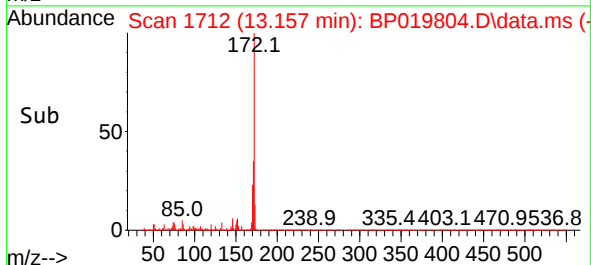
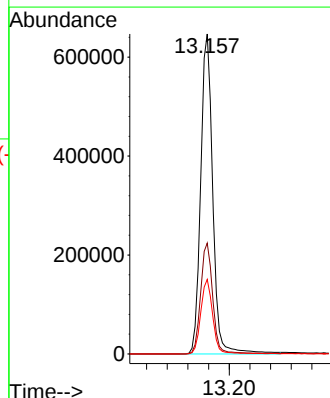
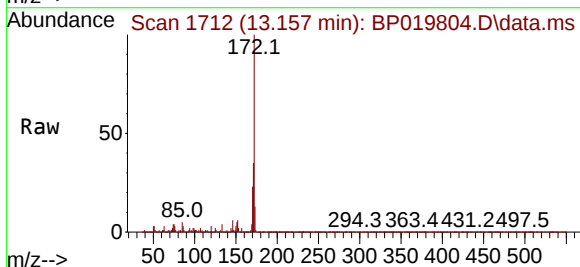
Tgt Ion:172 Resp: 1050917

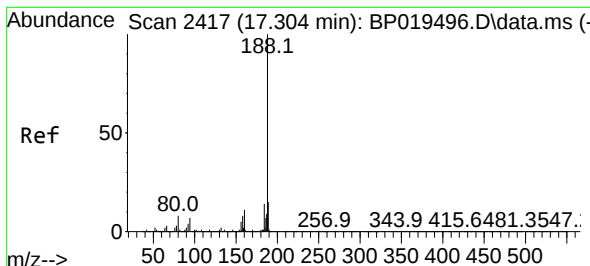
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.287 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019804.D

Acq: 21 Feb 2024 12:51

Instrument :

BNA_P

ClientSampleId :

PB159105TB

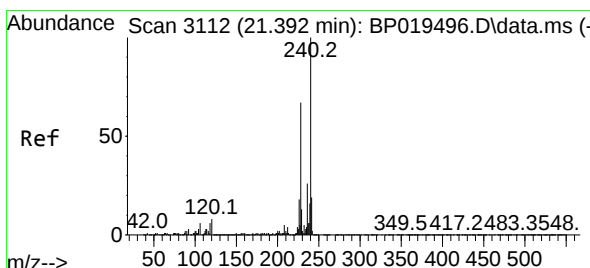
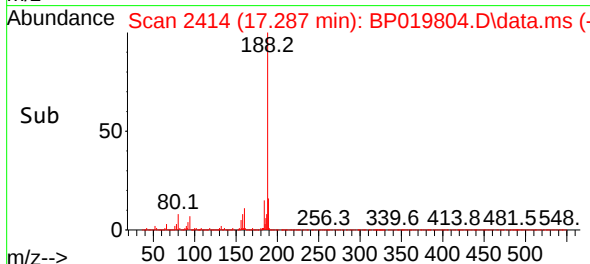
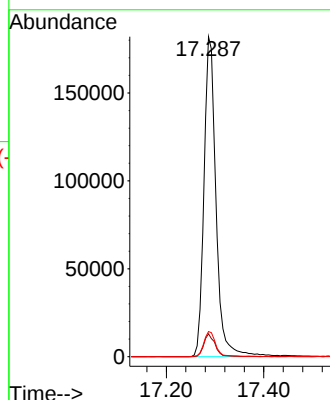
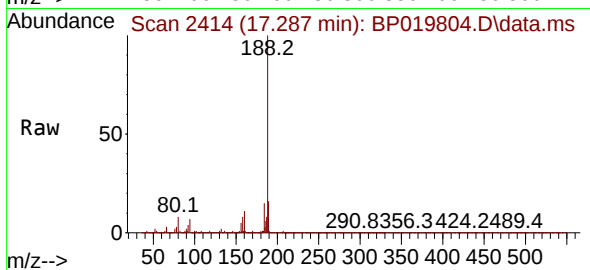
Tgt Ion:188 Resp: 311350

Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 7.9 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: BP019804.D

Acq: 21 Feb 2024 12:51

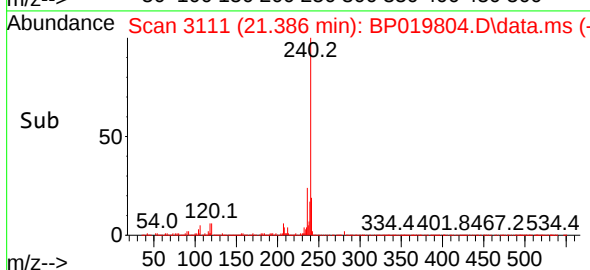
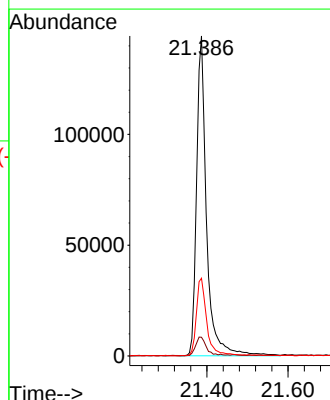
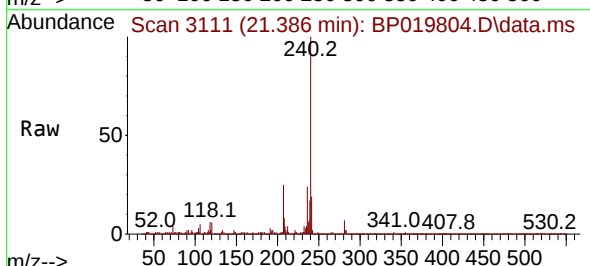
Tgt Ion:240 Resp: 248026

Ion Ratio Lower Upper

240 100

120 5.9 6.1 9.1#

236 24.3 20.7 31.1

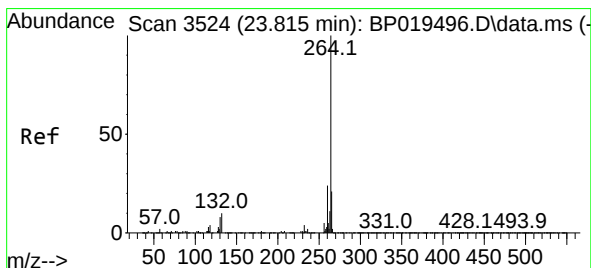
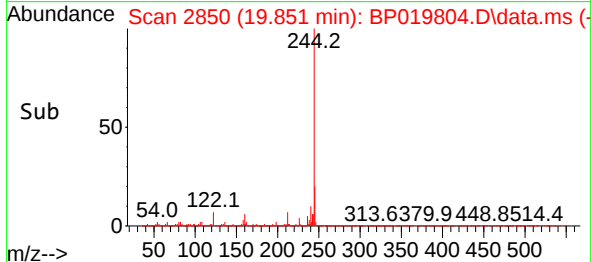
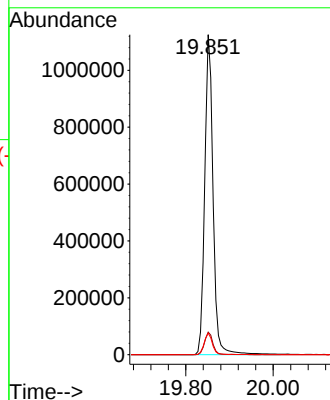
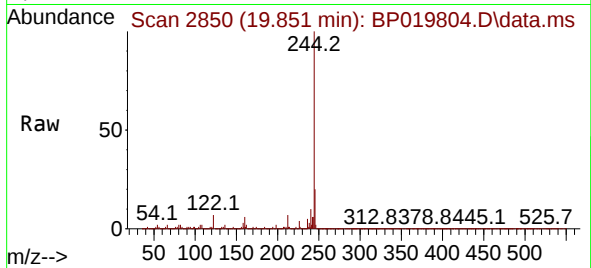




#79
 Terphenyl-d14
 Concen: 99.234 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP019804.D
 Acq: 21 Feb 2024 12:51

Instrument :
 BNA_P
 ClientSampleId :
 PB159105TB

Tgt Ion:244 Resp: 1496622
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 6.7 5.9 8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 3522
 Delta R.T. -0.006 min
 Lab File: BP019804.D
 Acq: 21 Feb 2024 12:51

Tgt Ion:264 Resp: 277496
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 24.4 17.0 25.4

