

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020521.D
 Acq On : 05 Jun 2024 17:26
 Operator : MA/JU
 Sample : PB161290BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161290BL

Quant Time: Jun 05 18:07:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	310050	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1093613	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	588546	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1066386	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1156500	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1515771	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2229479	128.746	ng	0.00
7) Phenol-d6	6.934	99	2695763	110.386	ng	0.00
23) Nitrobenzene-d5	8.910	82	1707215	85.454	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	752299	123.167	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3481196	88.175	ng	0.00
79) Terphenyl-d14	19.939	244	4673343	67.270	ng	0.00

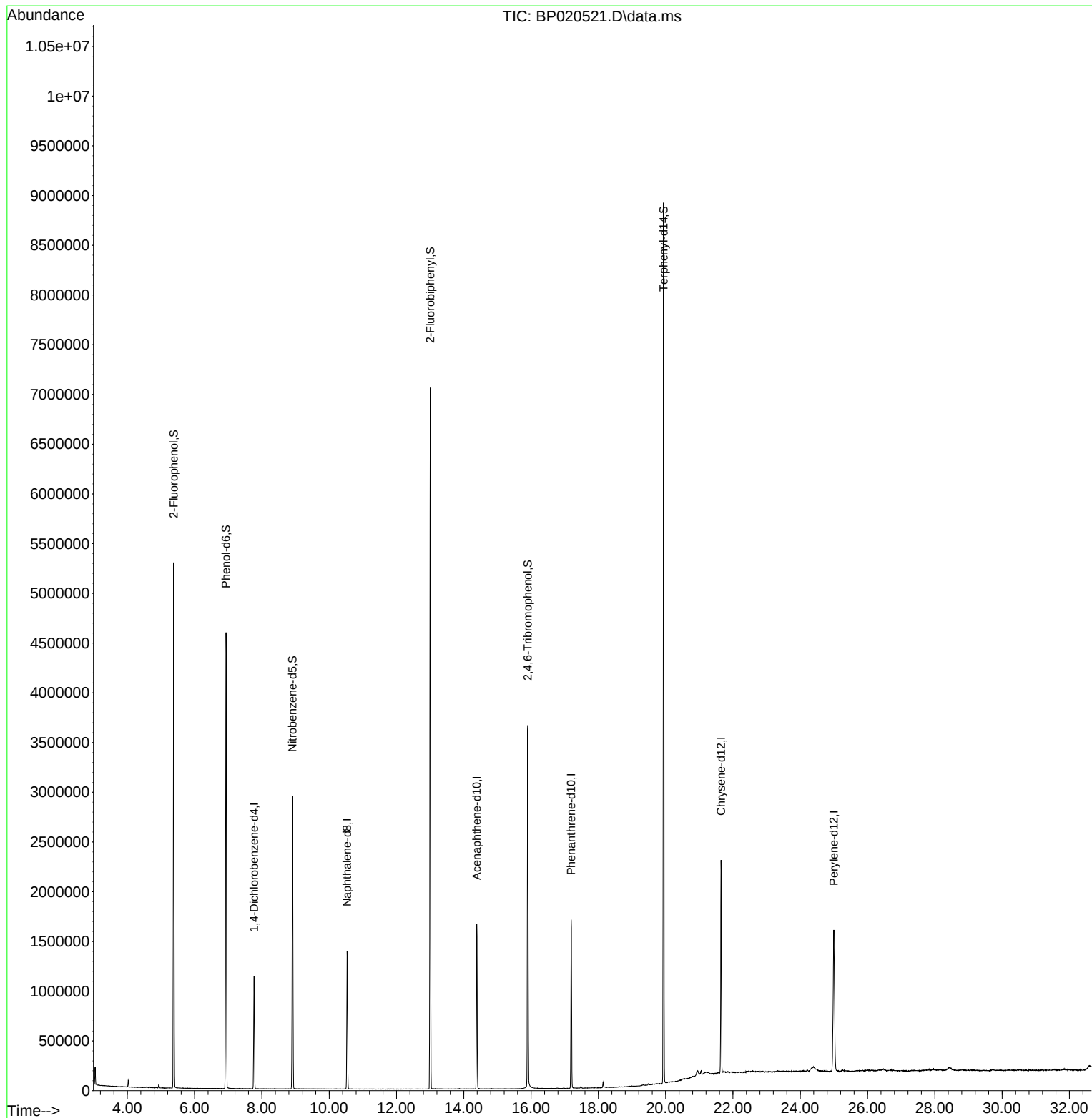
Target Compounds	Qvalue

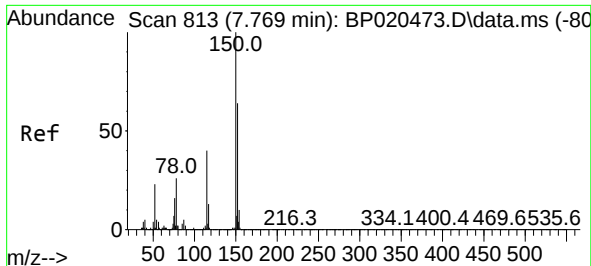
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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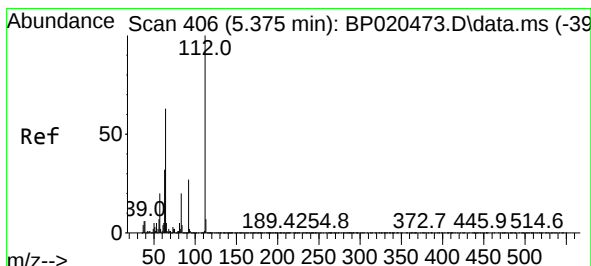
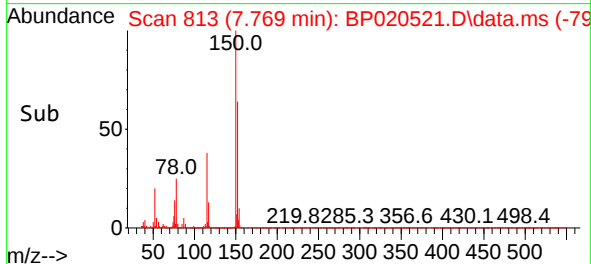
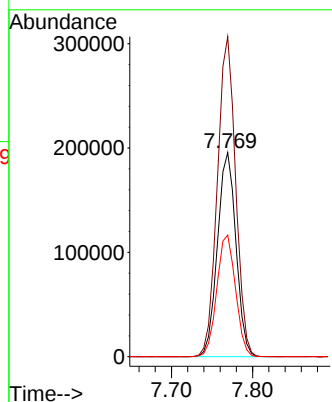
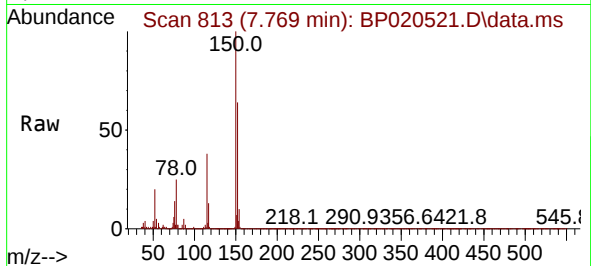




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

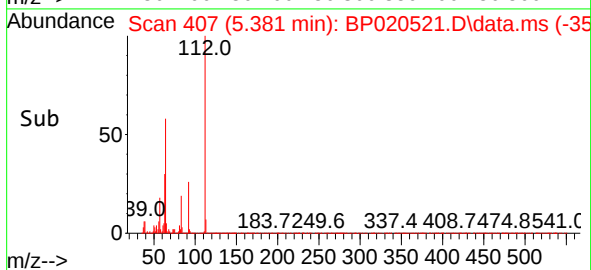
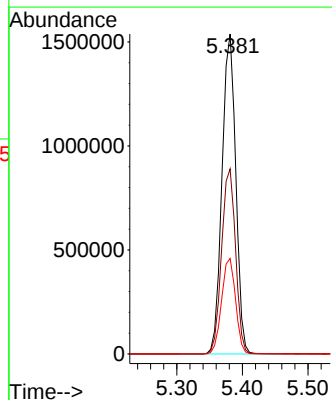
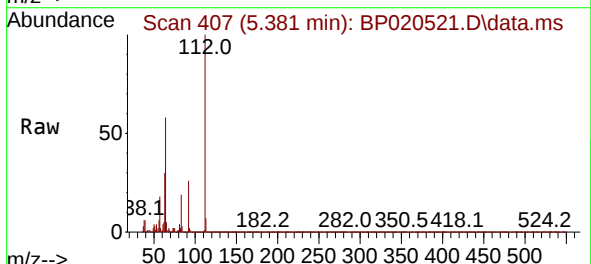
Instrument :
BNA_P
ClientSampleId :
PB161290BL

Tgt Ion:152 Resp: 310050
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 59.5 49.5 74.3



#5
2-Fluorophenol
Concen: 128.746 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

Tgt Ion:112 Resp: 2229479
Ion Ratio Lower Upper
112 100
64 57.8 50.1 75.1
63 29.9 25.7 38.5

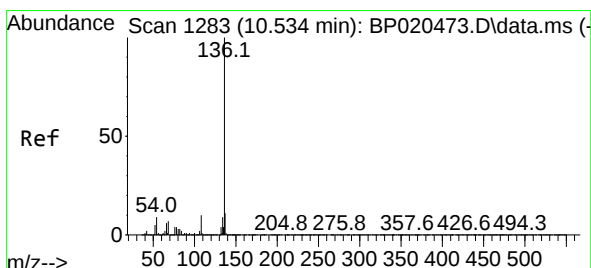
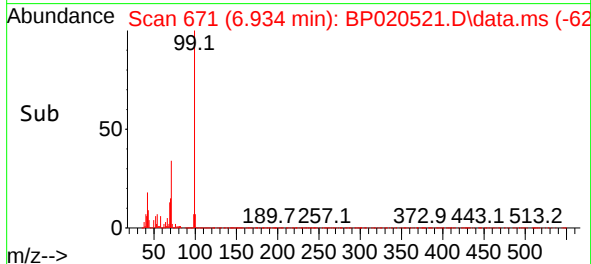
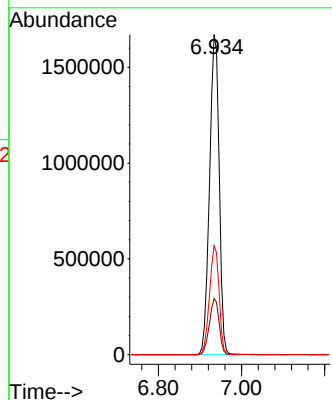
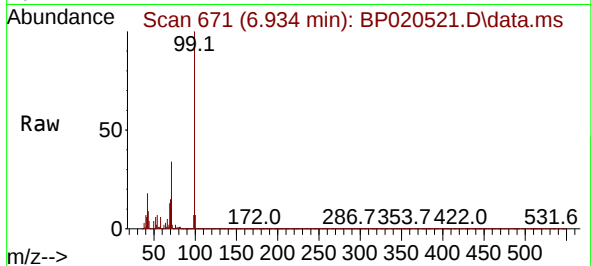




#7
Phenol-d6
Concen: 110.386 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

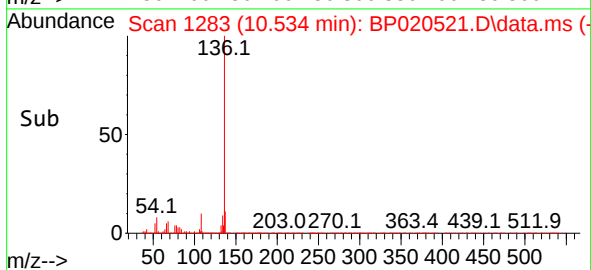
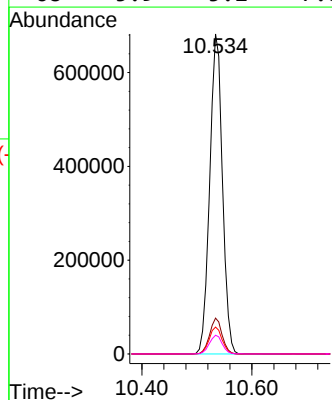
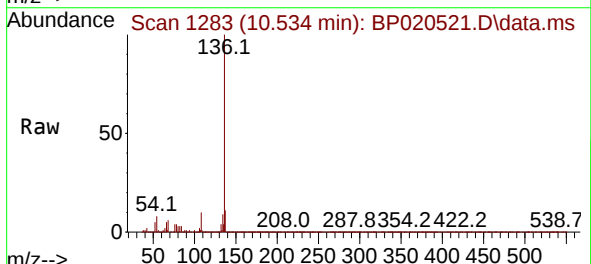
Instrument :
BNA_P
ClientSampleId :
PB161290BL

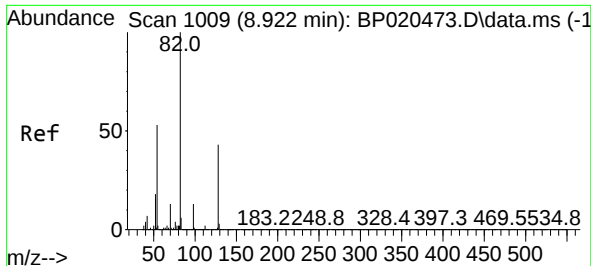
Tgt Ion: 99 Resp: 2695763
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 34.1 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

Tgt Ion:136 Resp: 1093613
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.4 7.4 11.0
68 5.9 5.2 7.8

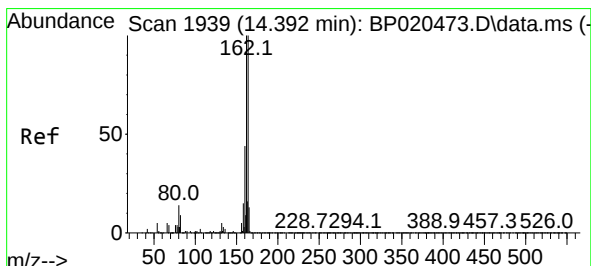
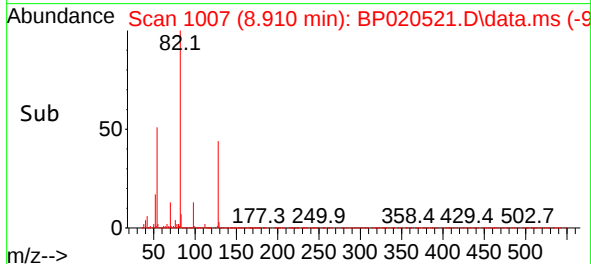
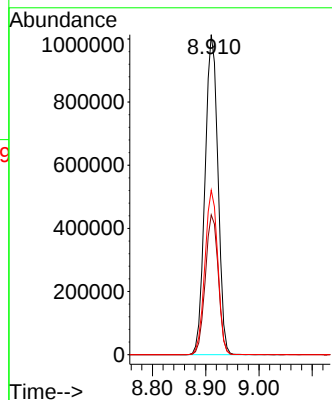
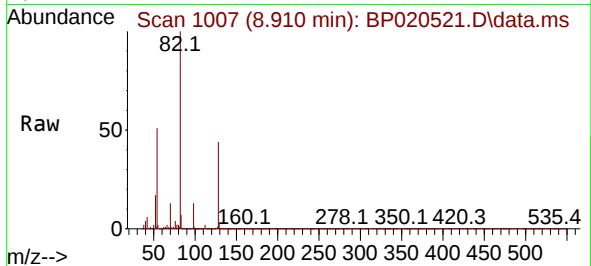




#23
Nitrobenzene-d5
Concen: 85.454 ng
RT: 8.910 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

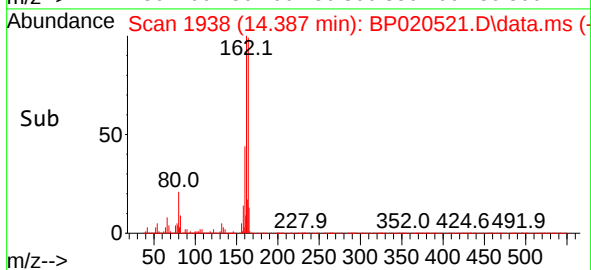
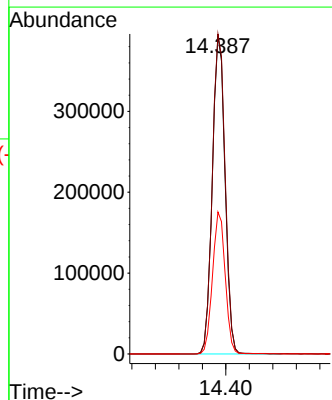
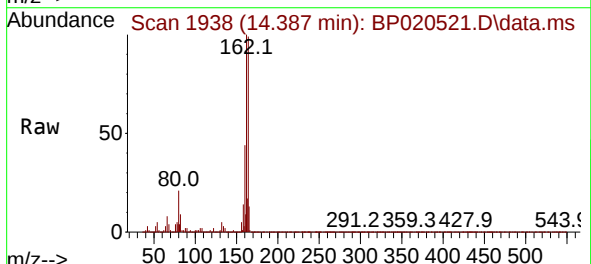
Instrument :
BNA_P
ClientSampleId :
PB161290BL

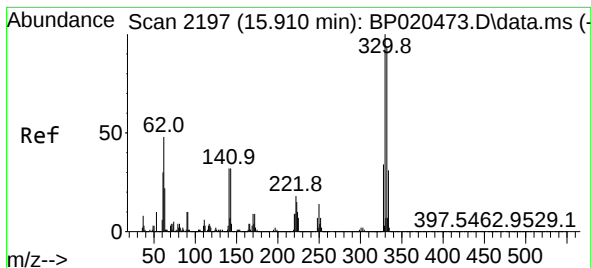
Tgt Ion: 82 Resp: 1707215
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 51.4 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020521.D
Acq: 05 Jun 2024 17:26

Tgt Ion:164 Resp: 588546
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 123.167 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

Instrument :

BNA_P

ClientSampleId :

PB161290BL

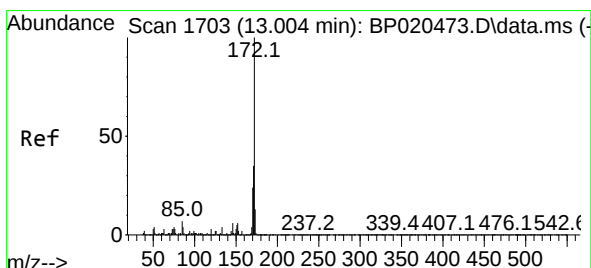
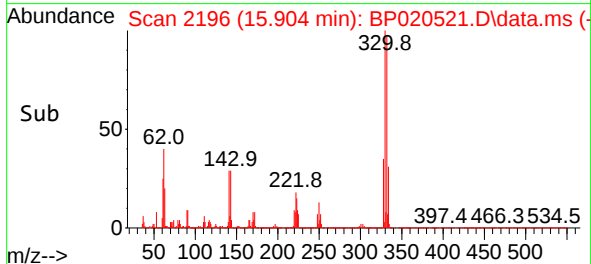
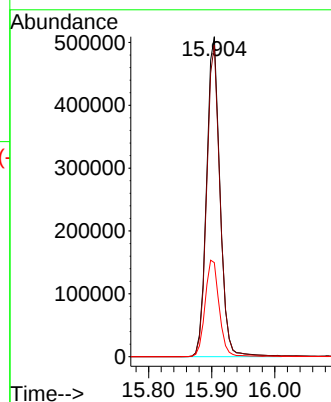
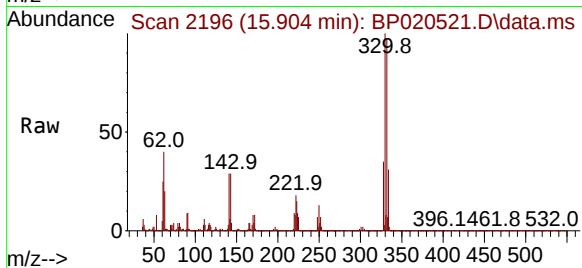
Tgt Ion:330 Resp: 752299

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

141 31.9 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 88.175 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

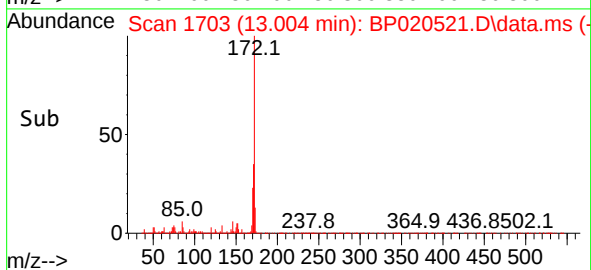
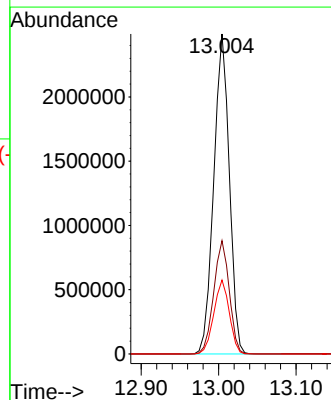
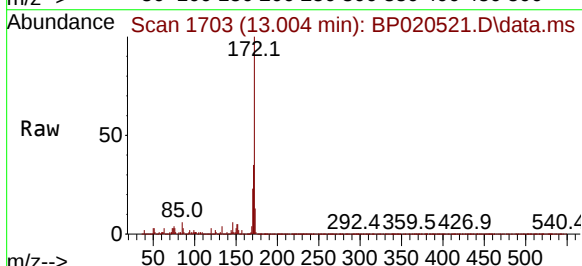
Tgt Ion:172 Resp: 3481196

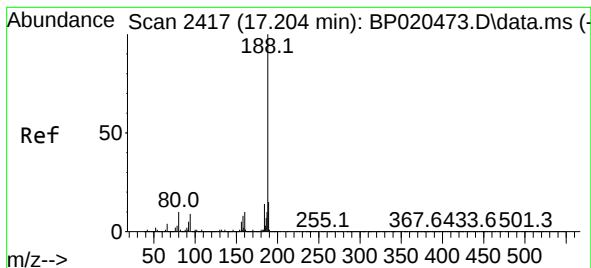
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

Instrument :

BNA_P

ClientSampleId :

PB161290BL

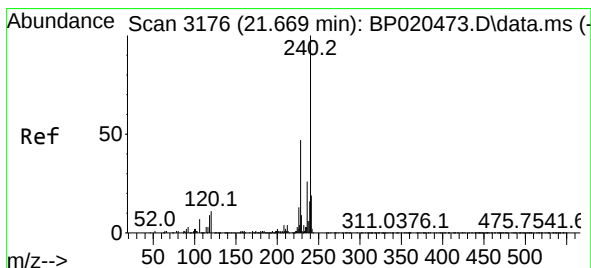
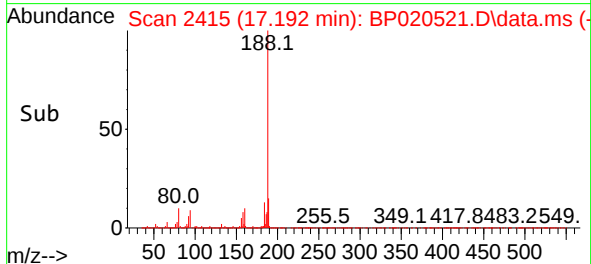
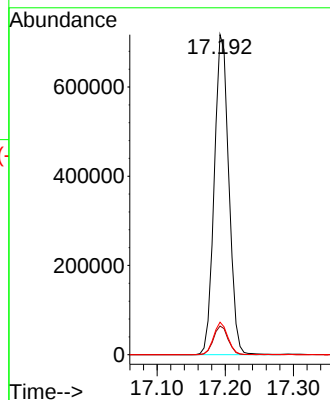
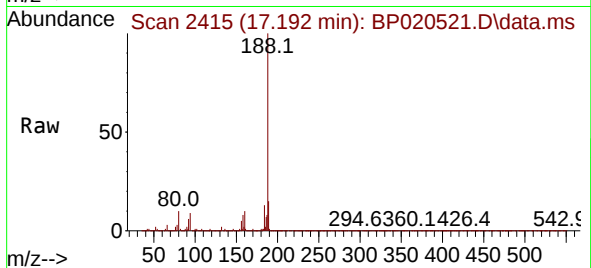
Tgt Ion:188 Resp: 1066386

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

80 10.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 3172

Delta R.T. -0.024 min

Lab File: BP020521.D

Acq: 05 Jun 2024 17:26

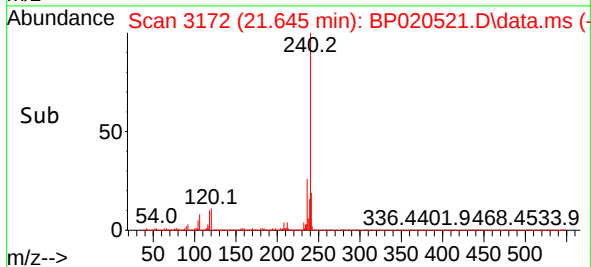
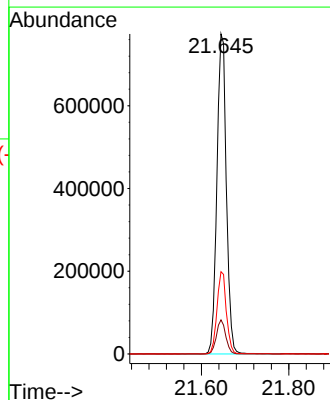
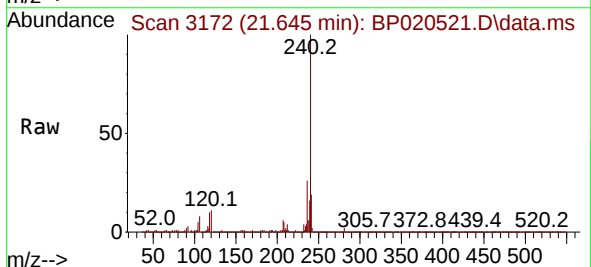
Tgt Ion:240 Resp: 1156500

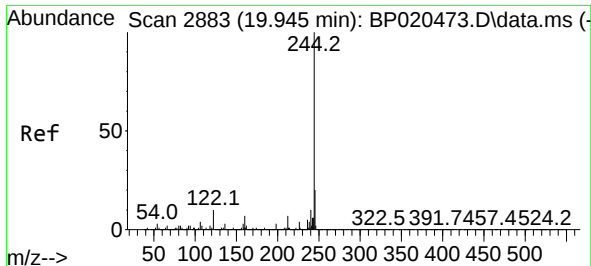
Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

236 25.7 20.5 30.7

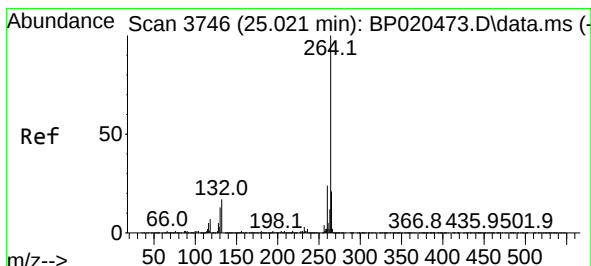
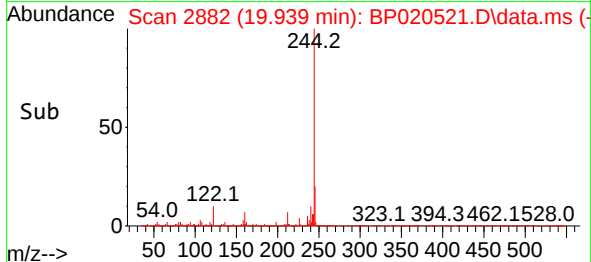
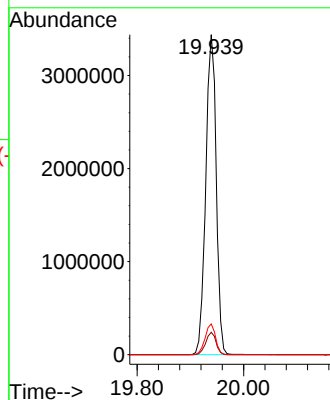
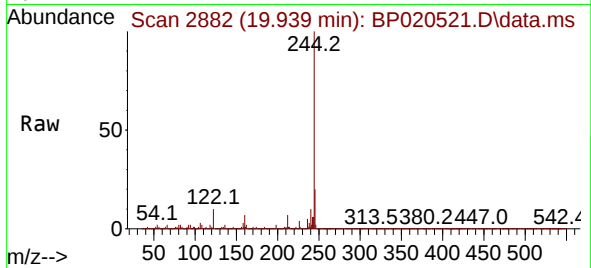




#79
 Terphenyl-d14
 Concen: 67.270 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP020521.D
 Acq: 05 Jun 2024 17:26

Instrument :
 BNA_P
 ClientSampleId :
 PB161290BL

Tgt Ion:244 Resp: 4673343
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 3742
 Delta R.T. -0.024 min
 Lab File: BP020521.D
 Acq: 05 Jun 2024 17:26

Tgt Ion:264 Resp: 1515771
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.4 17.4 26.0

