

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020602.D
Acq On : 12 Jun 2024 15:01
Operator : MA/JU
Sample : PB161451BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB161451BL

Quant Time: Jun 12 15:34:22 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	7.752	152	258205	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	944749	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	550187	20.000	ng	-0.01
64) Phenanthrene-d10	17.181	188	1043005	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	992600	20.000	ng	-0.04
86) Perylene-d12	24.980	264	1247155	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1794056	124.404	ng	0.00
7) Phenol-d6	6.940	99	2170817	106.739	ng	0.00
23) Nitrobenzene-d5	8.911	82	1364417	79.056	ng	-0.01
42) 2,4,6-Tribromophenol	15.893	330	766364	134.217	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	3001111	81.315	ng	-0.02
79) Terphenyl-d14	19.916	244	4248565	71.254	ng	-0.03

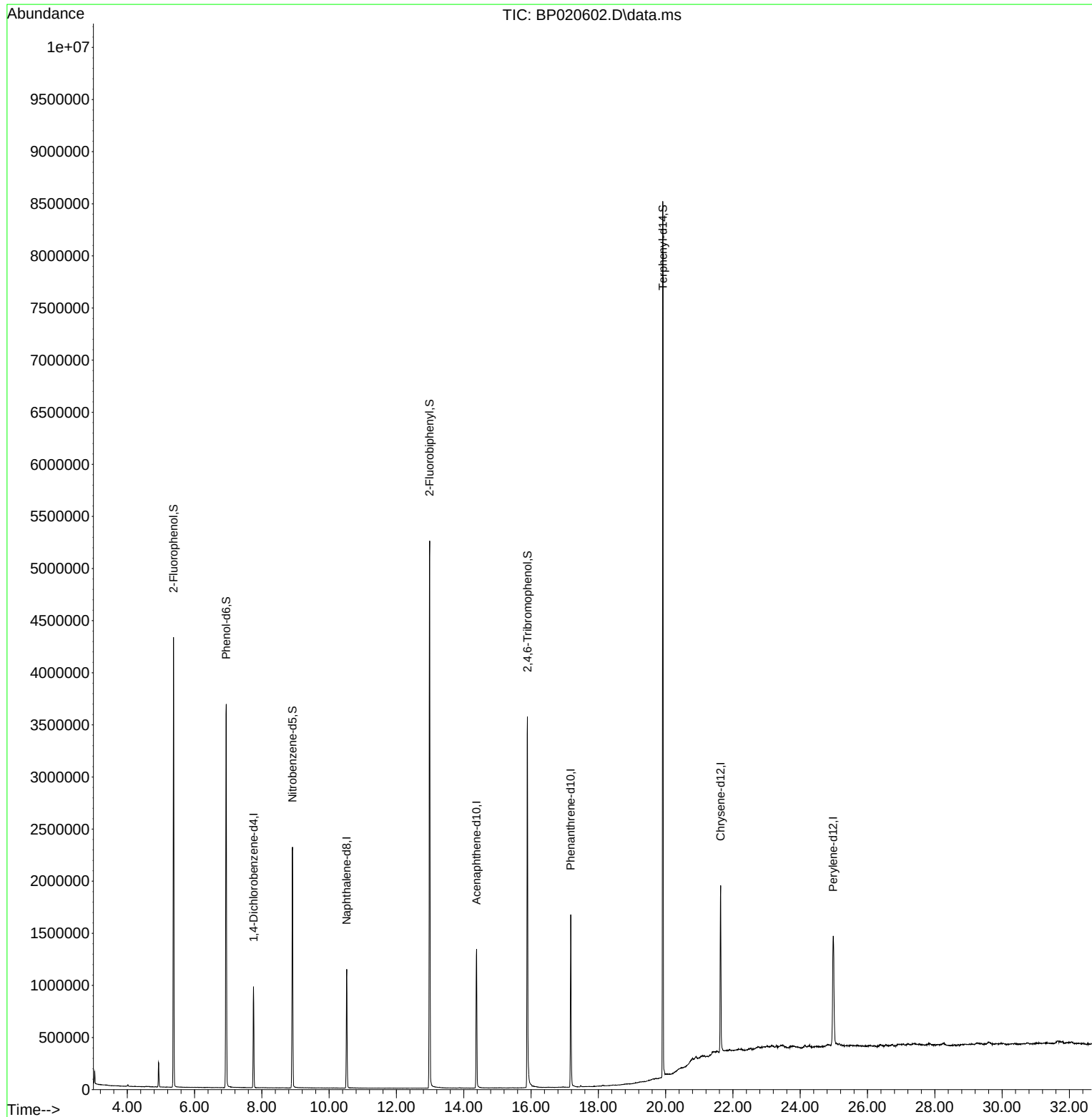
Target Compounds	Qvalue

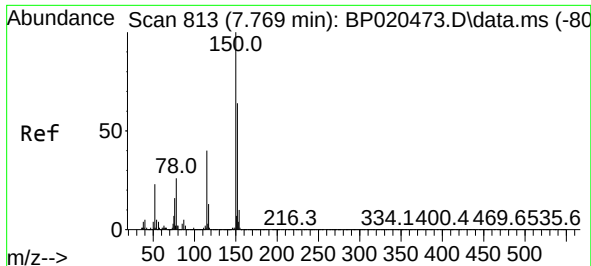
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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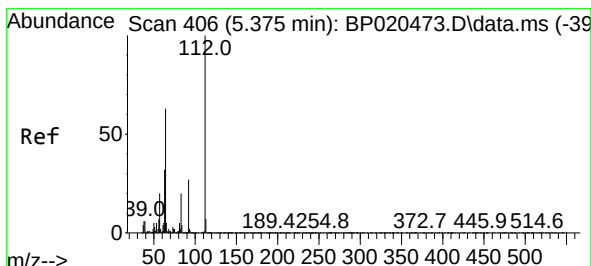
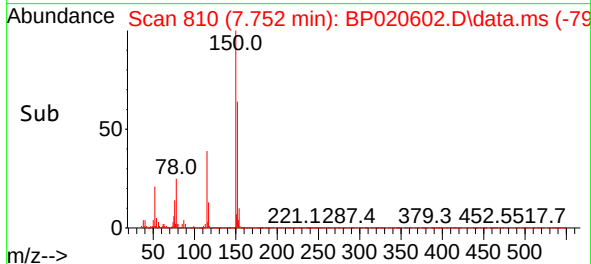
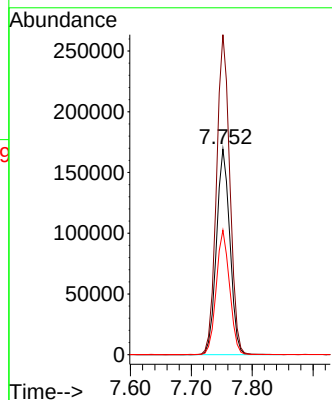
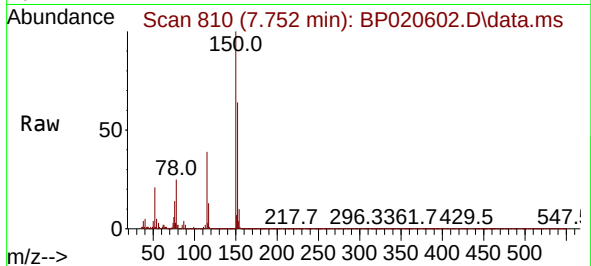




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020602.D
Acq: 12 Jun 2024 15:01

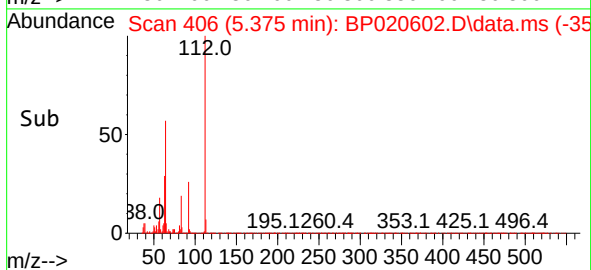
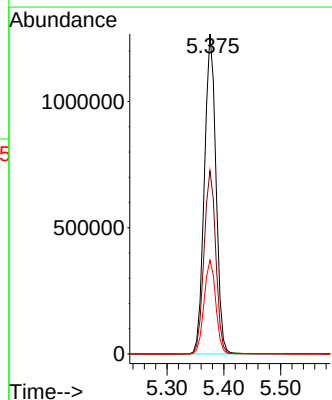
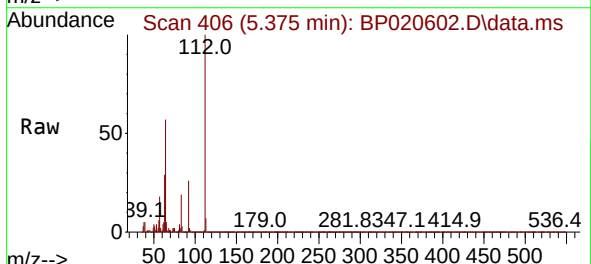
Instrument :
BNA_P
ClientSampleId :
PB161451BL

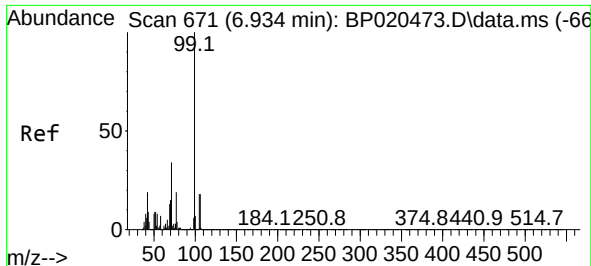
Tgt Ion:152 Resp: 258205
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.2
115 60.5 49.5 74.3



#5
2-Fluorophenol
Concen: 124.404 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020602.D
Acq: 12 Jun 2024 15:01

Tgt Ion:112 Resp: 1794056
Ion Ratio Lower Upper
112 100
64 57.2 50.1 75.1
63 29.3 25.7 38.5

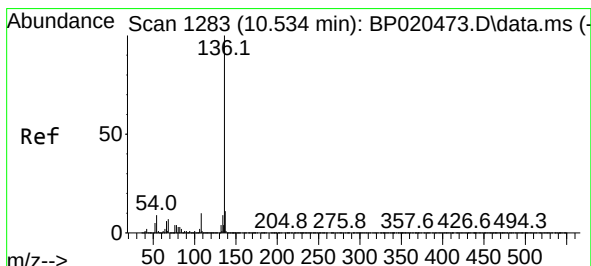
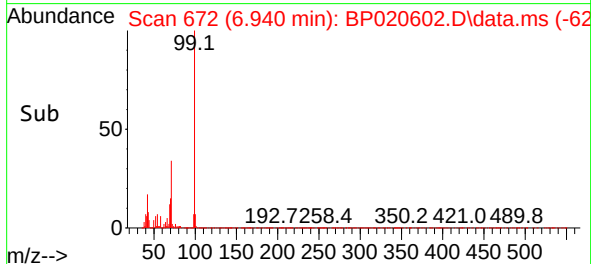
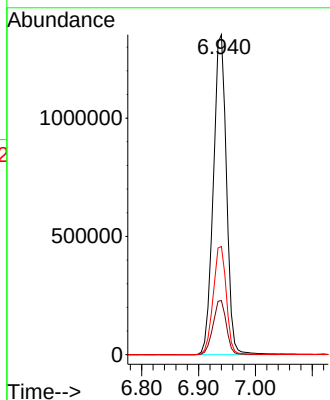
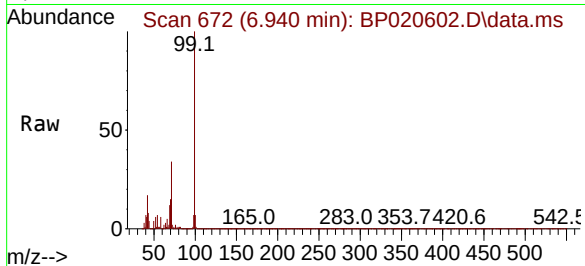




#7
Phenol-d6
Concen: 106.739 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020602.D
Acq: 12 Jun 2024 15:01

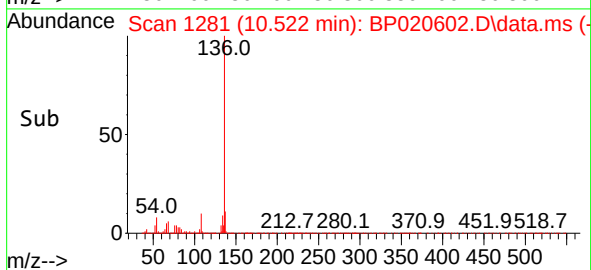
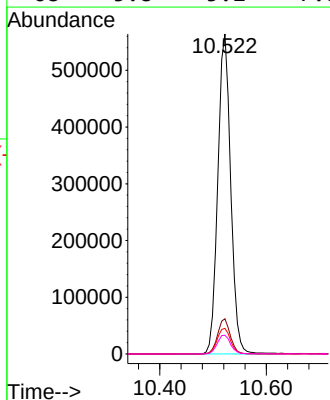
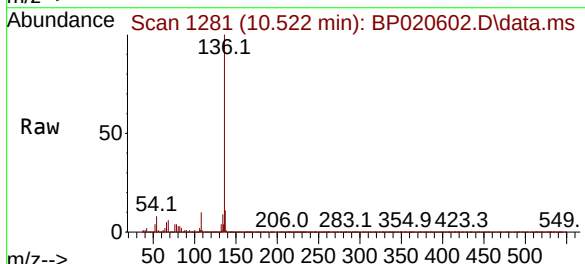
Instrument :
BNA_P
ClientSampleId :
PB161451BL

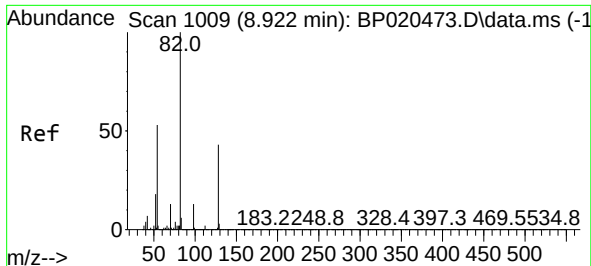
Tgt Ion: 99 Resp: 2170817
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.4
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020602.D
Acq: 12 Jun 2024 15:01

Tgt Ion:136 Resp: 944749
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.0 7.4 11.0
68 5.8 5.2 7.8

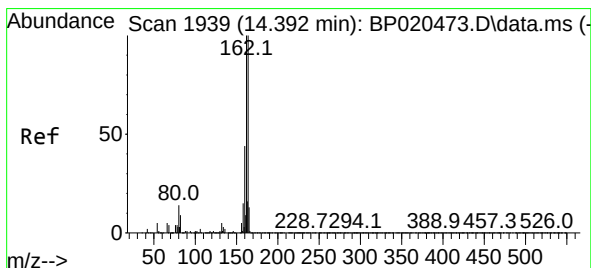
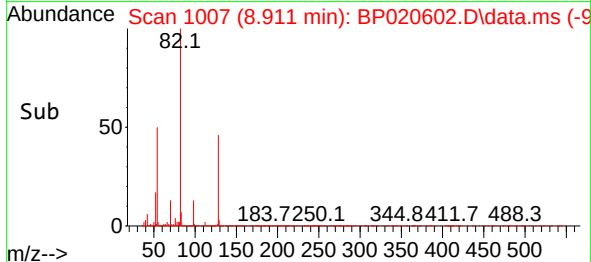
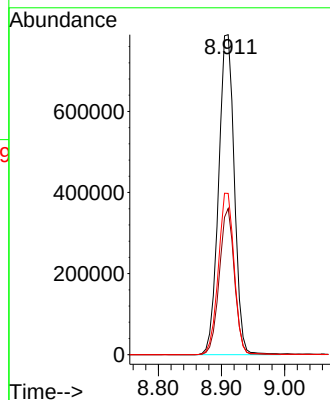
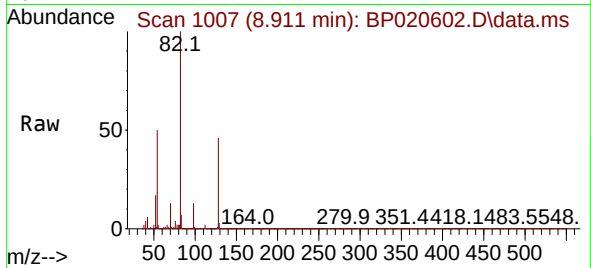




#23
Nitrobenzene-d5
Concen: 79.056 ng
RT: 8.911 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020602.D
Acq: 12 Jun 2024 15:01

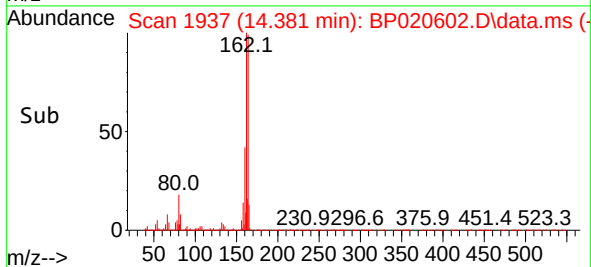
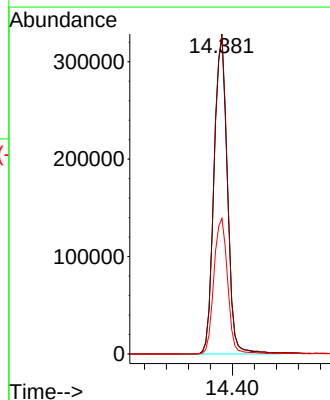
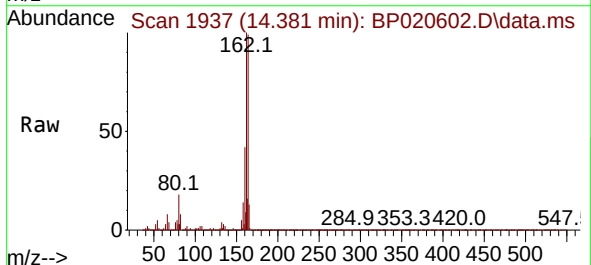
Instrument :
BNA_P
ClientSampleId :
PB161451BL

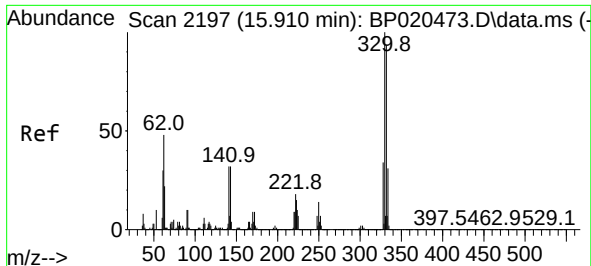
Tgt Ion: 82 Resp: 1364417
Ion Ratio Lower Upper
82 100
128 45.7 34.2 51.4
54 50.4 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020602.D
Acq: 12 Jun 2024 15:01

Tgt Ion: 164 Resp: 550187
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 42.9 35.4 53.2

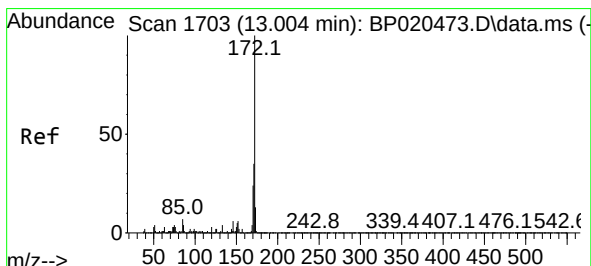
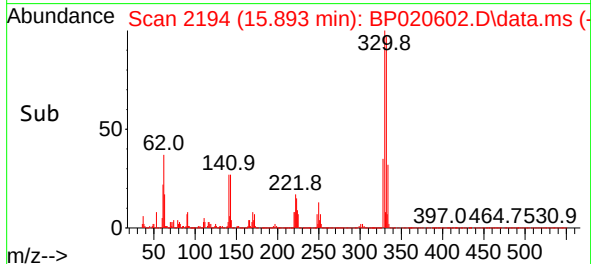
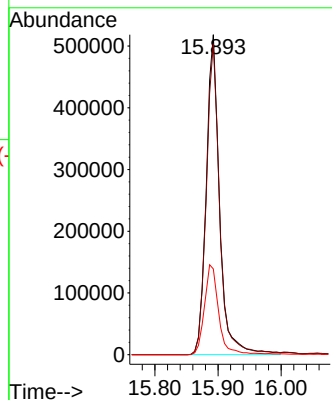
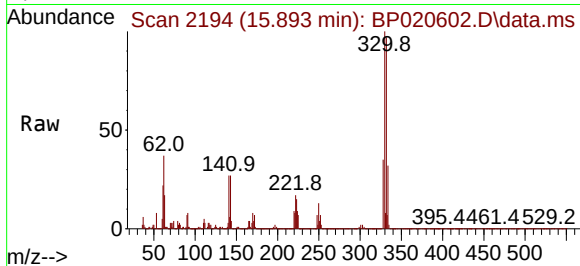




#42
2,4,6-Tribromophenol
Concen: 134.217 ng
RT: 15.893 min Scan# 2197
Delta R.T. -0.017 min
Lab File: BP020602.D
Acq: 12 Jun 2024 15:01

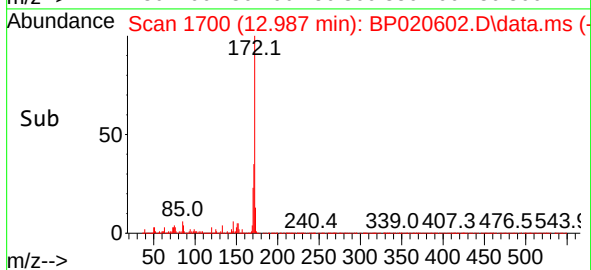
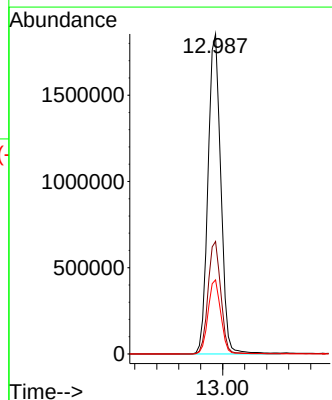
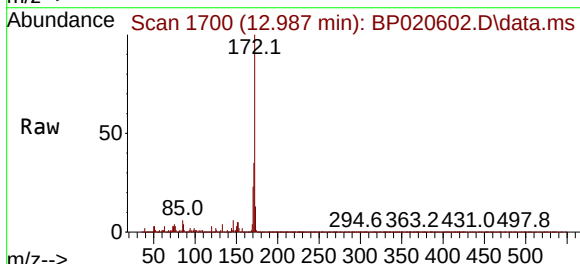
Instrument :
BNA_P
ClientSampleId :
PB161451BL

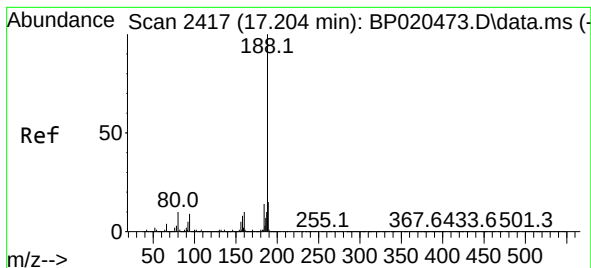
Tgt Ion:330 Resp: 766364
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 30.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 81.315 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BP020602.D
Acq: 12 Jun 2024 15:01

Tgt Ion:172 Resp: 3001111
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2417

Delta R.T. -0.023 min

Lab File: BP020602.D

Acq: 12 Jun 2024 15:01

Instrument :

BNA_P

ClientSampleId :

PB161451BL

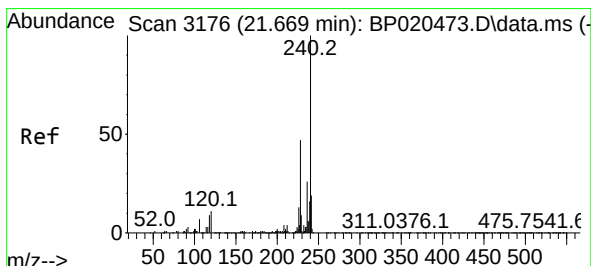
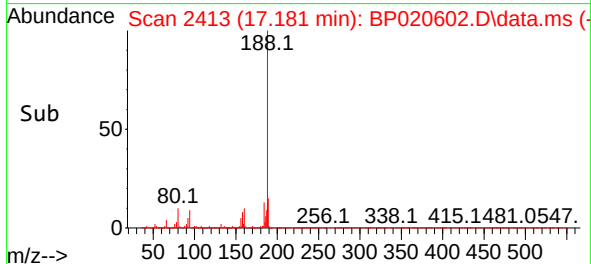
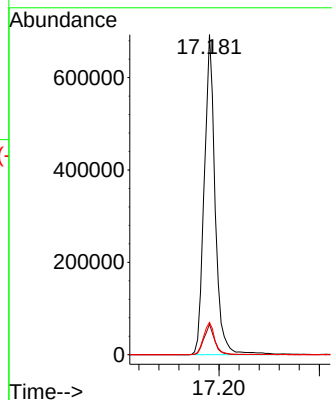
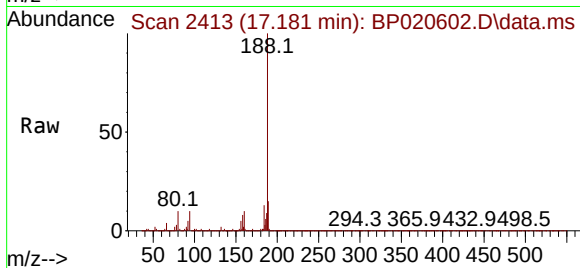
Tgt Ion:188 Resp: 1043005

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 10.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3170

Delta R.T. -0.035 min

Lab File: BP020602.D

Acq: 12 Jun 2024 15:01

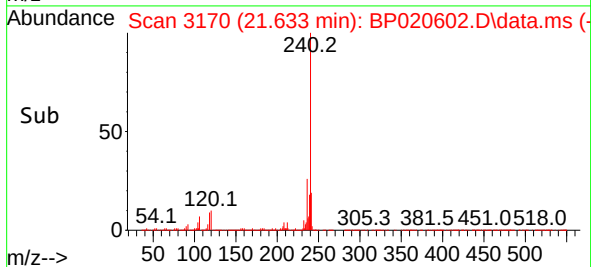
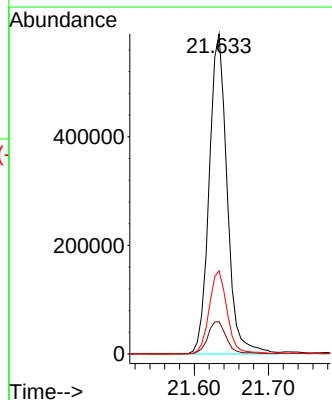
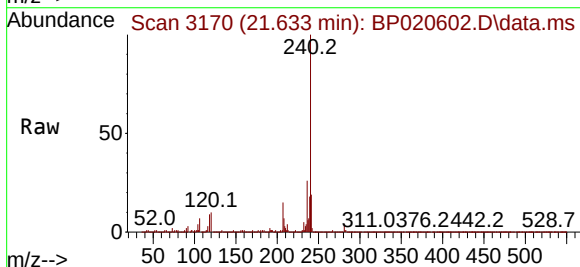
Tgt Ion:240 Resp: 992600

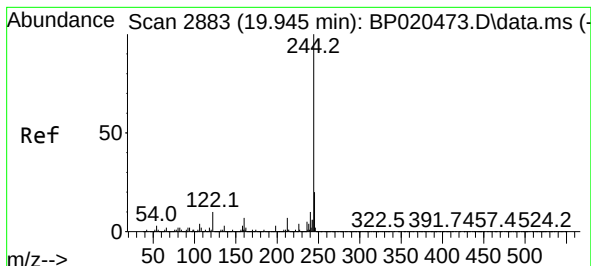
Ion Ratio Lower Upper

240 100

120 10.1 8.5 12.7

236 26.0 20.5 30.7





#79

Terphenyl-d14

Concen: 71.254 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP020602.D

Acq: 12 Jun 2024 15:01

Instrument :

BNA_P

ClientSampleId :

PB161451BL

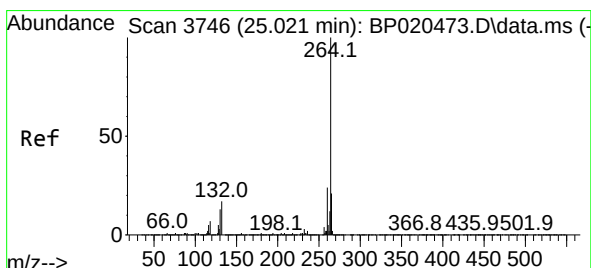
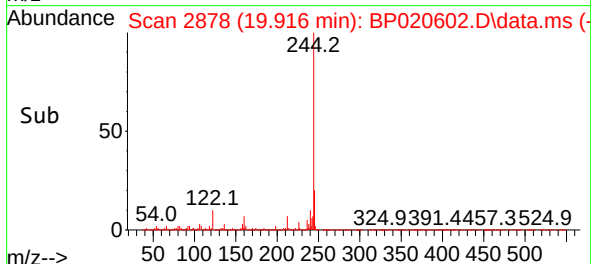
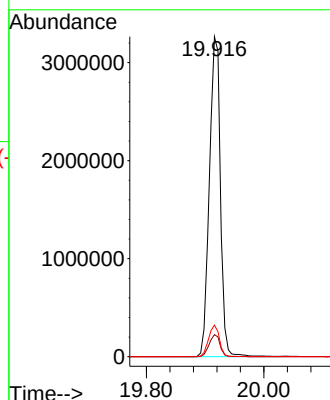
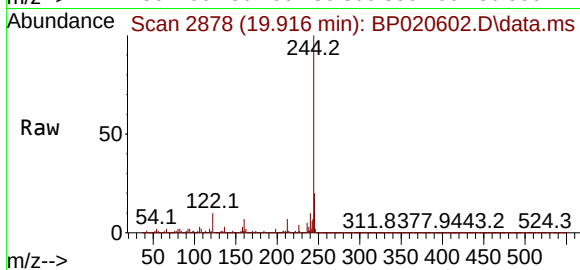
Tgt Ion:244 Resp: 4248565

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.8 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.980 min Scan# 3739

Delta R.T. -0.041 min

Lab File: BP020602.D

Acq: 12 Jun 2024 15:01

Tgt Ion:264 Resp: 1247155

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.1 17.4 26.0

