

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
Data File : BP020624.D
Acq On : 14 Jun 2024 13:50
Operator : MA/JU
Sample : PB161492BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB161492BL

Quant Time: Jun 14 14:21:20 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	7.705	152	269668	20.000	ng	-0.06
21) Naphthalene-d8	10.475	136	1004350	20.000	ng	-0.06
39) Acenaphthene-d10	14.357	164	564345	20.000	ng	-0.03
64) Phenanthrene-d10	17.175	188	1022197	20.000	ng	-0.03
76) Chrysene-d12	21.639	240	926562	20.000	ng	-0.03
86) Perylene-d12	24.998	264	1296954	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1935784	128.526	ng	-0.04
7) Phenol-d6	6.887	99	2316588	109.065	ng	-0.05
23) Nitrobenzene-d5	8.852	82	1469431	80.088	ng	-0.07
42) 2,4,6-Tribromophenol	15.881	330	736217	125.703	ng	-0.03
45) 2-Fluorobiphenyl	12.963	172	3116780	82.330	ng	-0.04
79) Terphenyl-d14	19.922	244	3965977	71.255	ng	-0.02

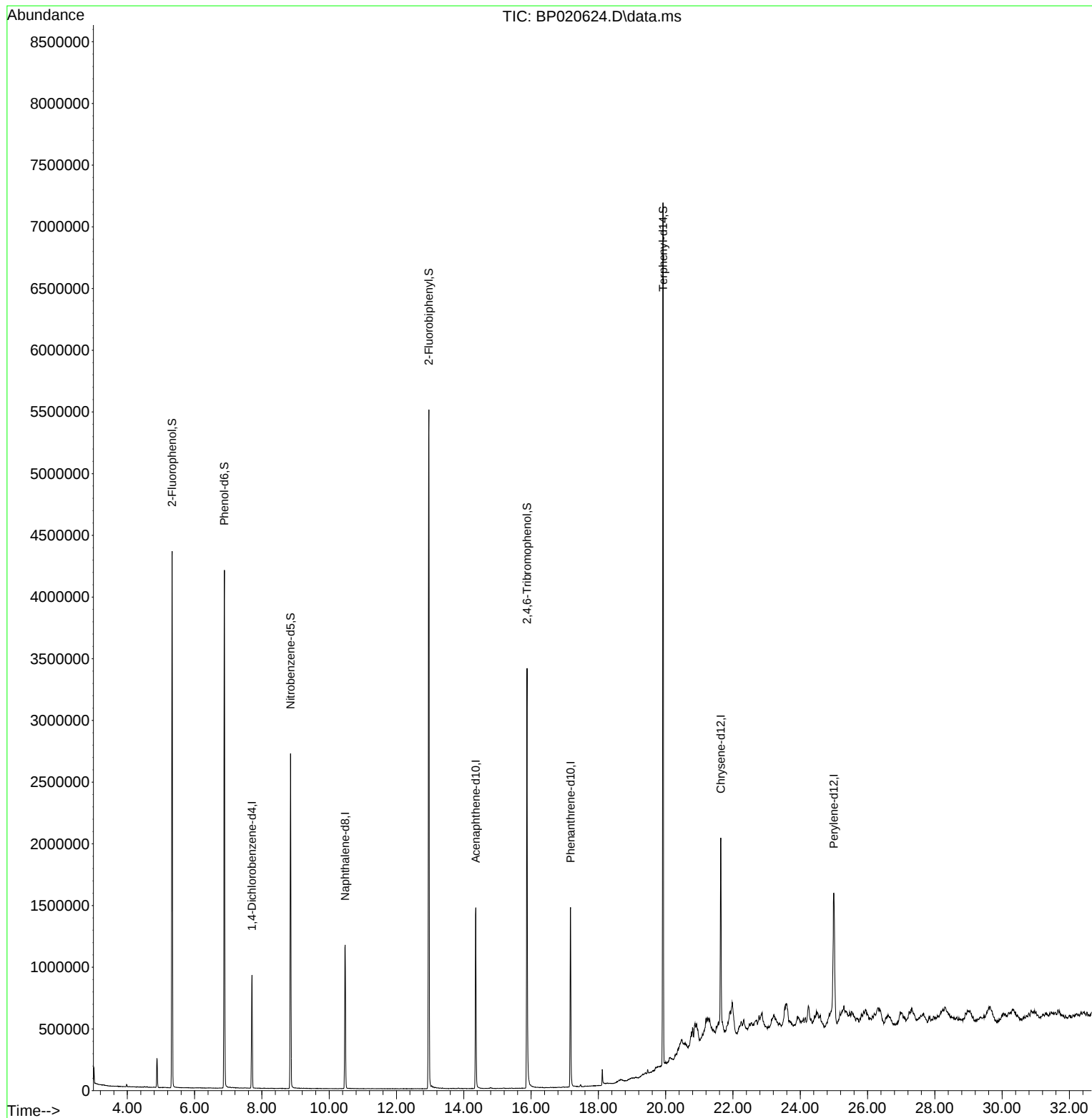
Target Compounds	Qvalue

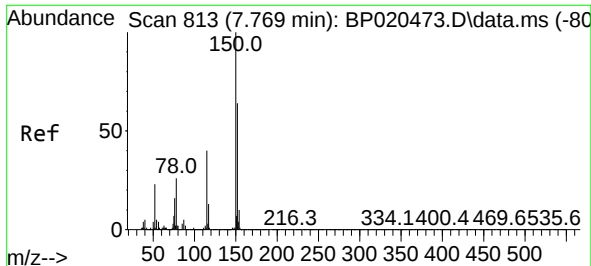
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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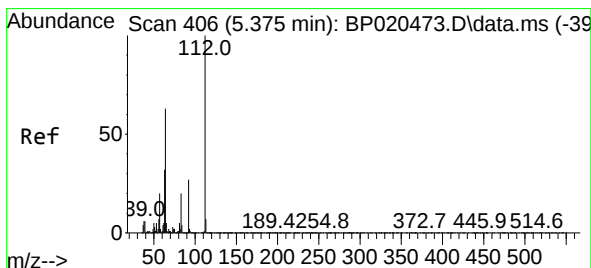
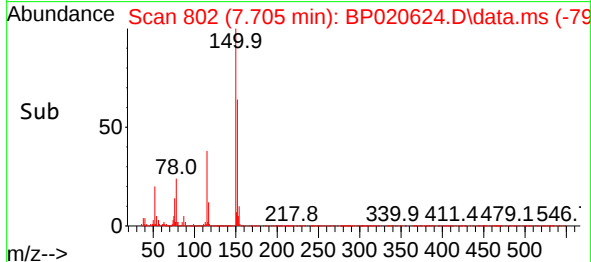
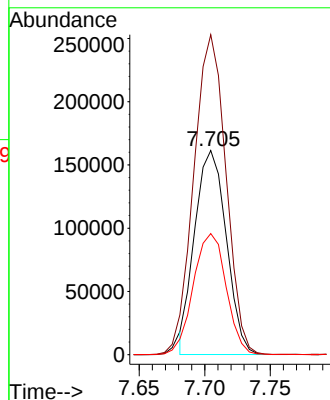
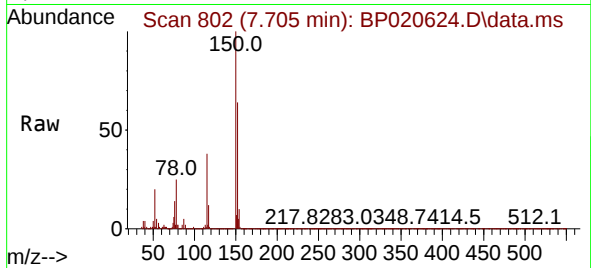




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 80
Delta R.T. -0.064 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

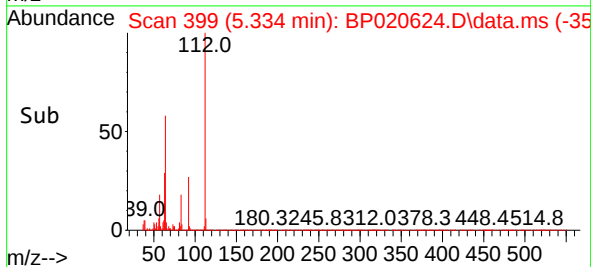
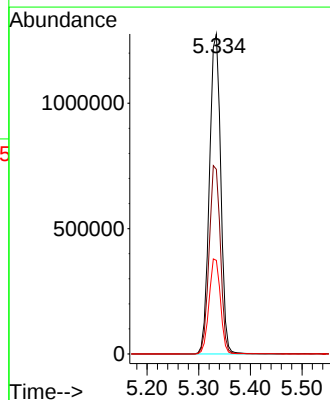
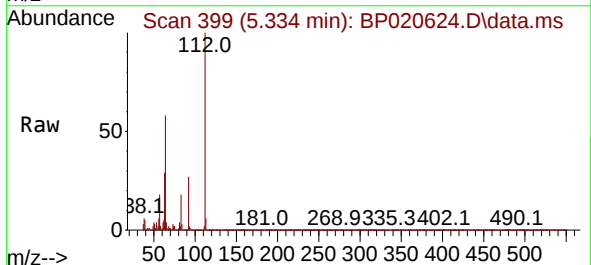
Instrument :
BNA_P
ClientSampleId :
PB161492BL

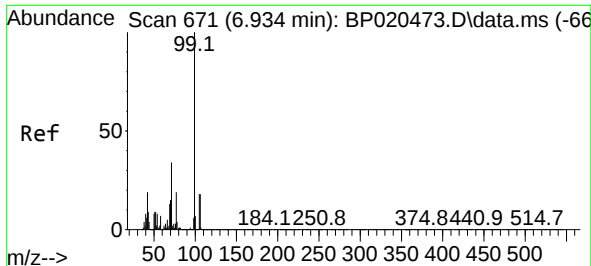
Tgt Ion:152 Resp: 269668
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 59.3 49.5 74.3



#5
2-Fluorophenol
Concen: 128.526 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.041 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion:112 Resp: 1935784
Ion Ratio Lower Upper
112 100
64 57.7 50.1 75.1
63 29.2 25.7 38.5

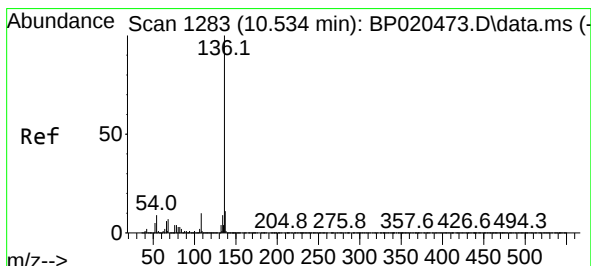
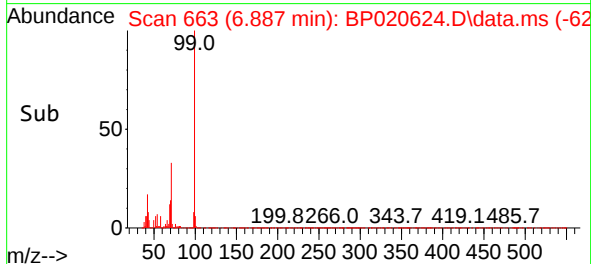
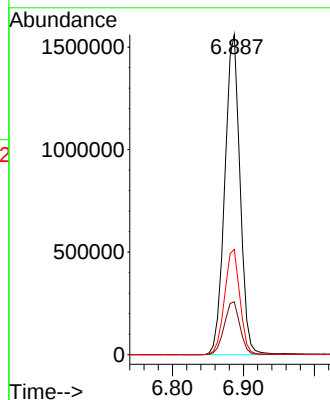
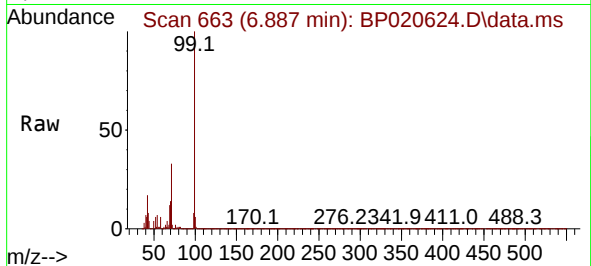




#7
Phenol-d6
Concen: 109.065 ng
RT: 6.887 min Scan# 60
Delta R.T. -0.047 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

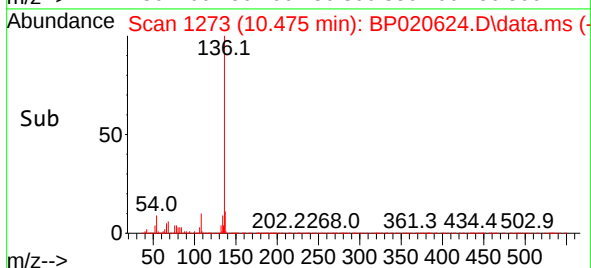
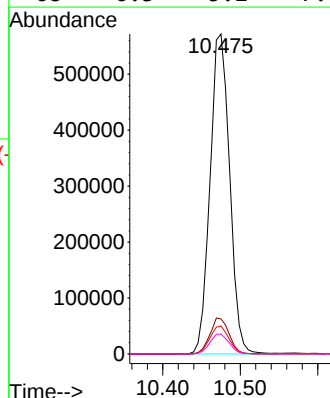
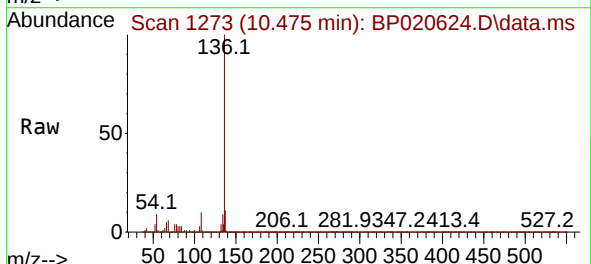
Instrument :
BNA_P
ClientSampleId :
PB161492BL

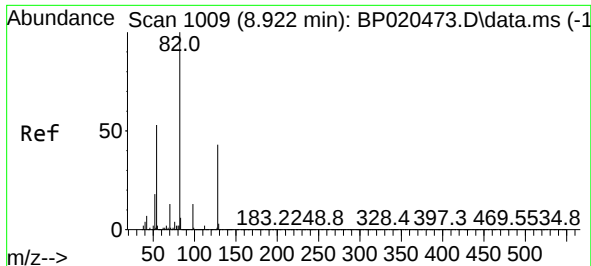
Tgt Ion: 99 Resp: 2316588
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.4
71 32.9 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. -0.059 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion:136 Resp: 1004350
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.8 7.4 11.0
68 6.3 5.2 7.8

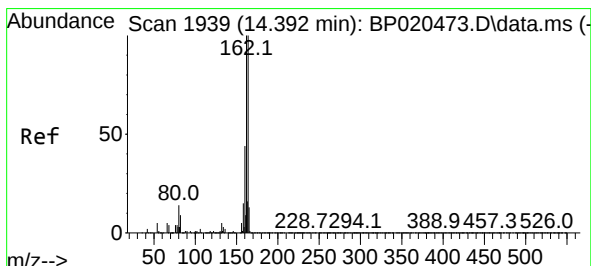
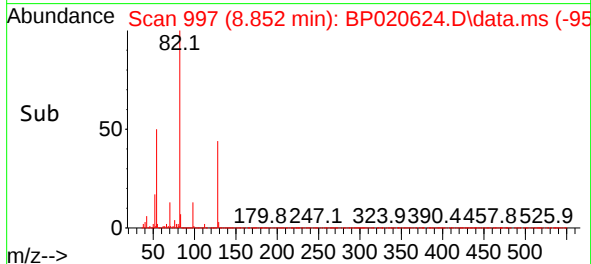
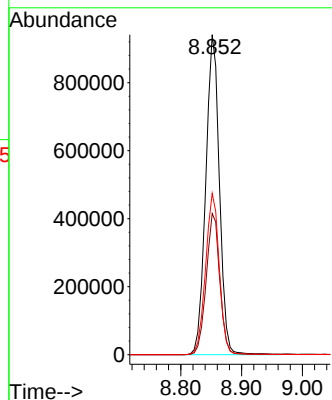
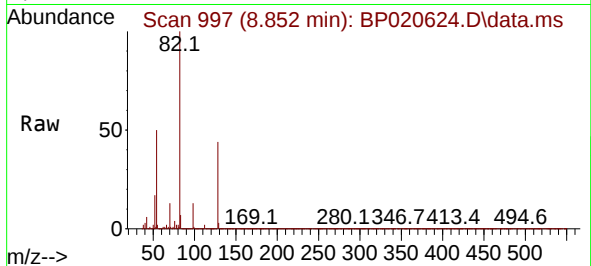




#23
Nitrobenzene-d5
Concen: 80.088 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.071 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

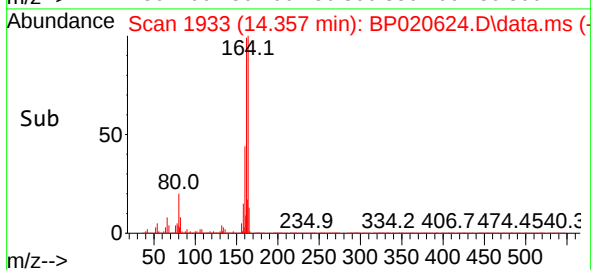
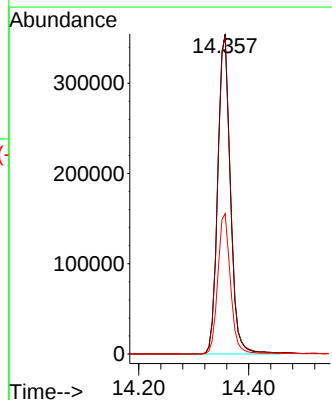
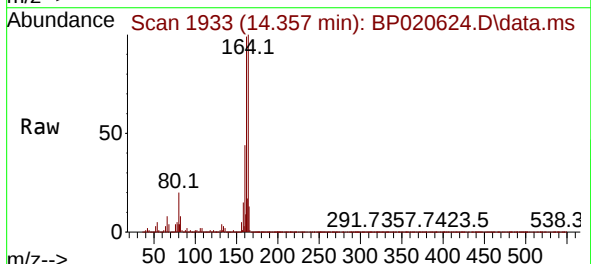
Instrument :
BNA_P
ClientSampleId :
PB161492BL

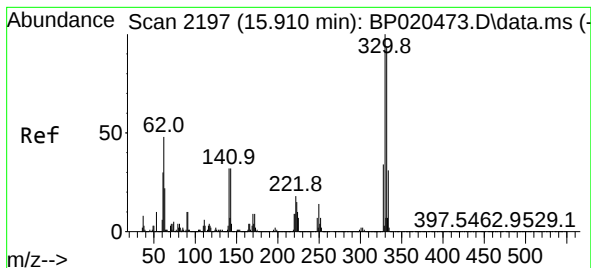
Tgt Ion: 82 Resp: 1469431
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 50.4 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1933
Delta R.T. -0.035 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion:164 Resp: 564345
Ion Ratio Lower Upper
164 100
162 99.3 80.3 120.5
160 43.9 35.4 53.2

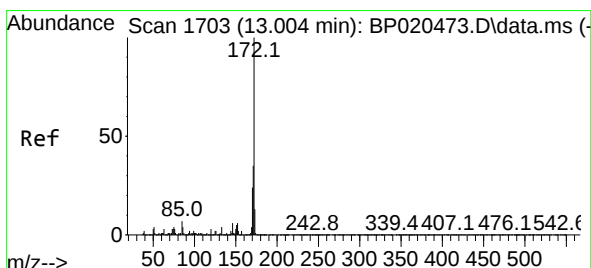
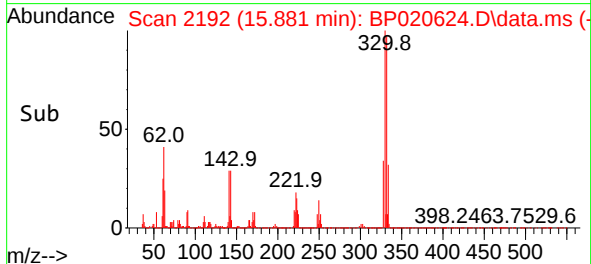
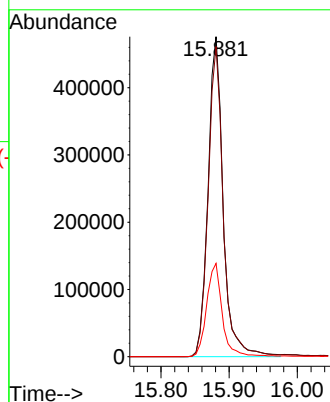
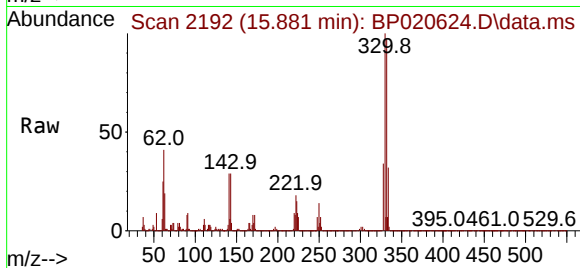




#42
2,4,6-Tribromophenol
Concen: 125.703 ng
RT: 15.881 min Scan# 2197
Delta R.T. -0.029 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

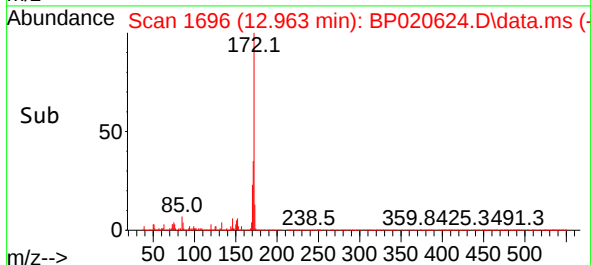
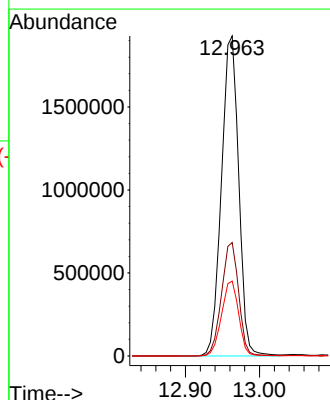
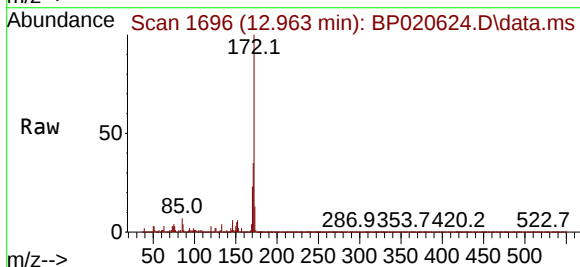
Instrument :
BNA_P
ClientSampleId :
PB161492BL

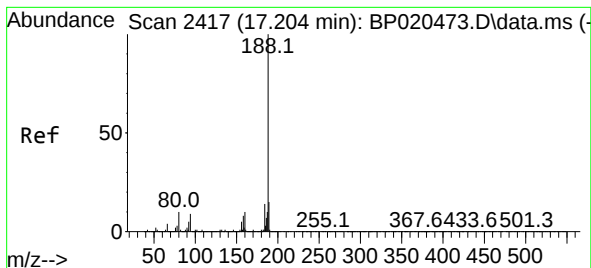
Tgt Ion:330 Resp: 736217
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 30.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 82.330 ng
RT: 12.963 min Scan# 1696
Delta R.T. -0.041 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion:172 Resp: 3116780
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 2417

Delta R.T. -0.029 min

Lab File: BP020624.D

Acq: 14 Jun 2024 13:50

Instrument :

BNA_P

ClientSampleId :

PB161492BL

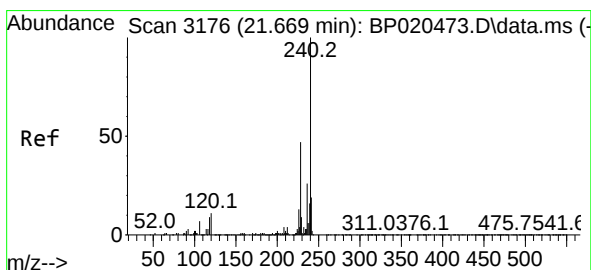
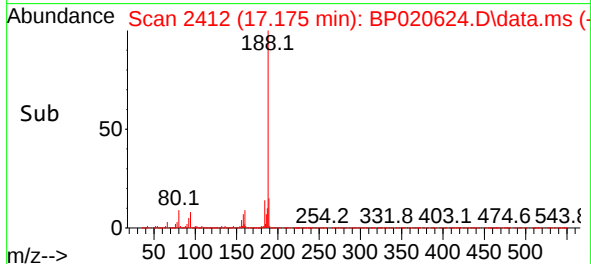
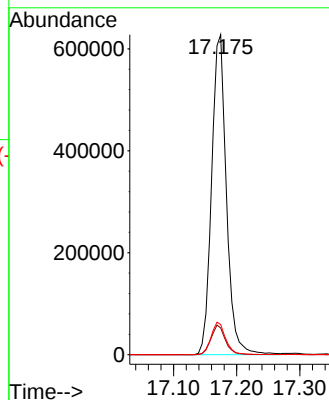
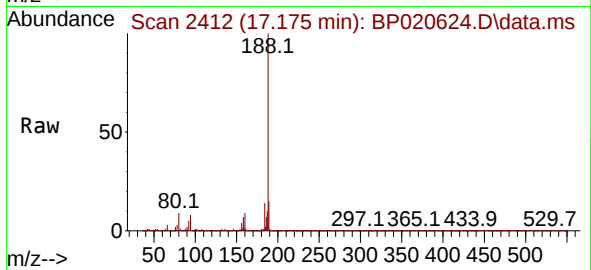
Tgt Ion:188 Resp: 1022197

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.639 min Scan# 3171

Delta R.T. -0.029 min

Lab File: BP020624.D

Acq: 14 Jun 2024 13:50

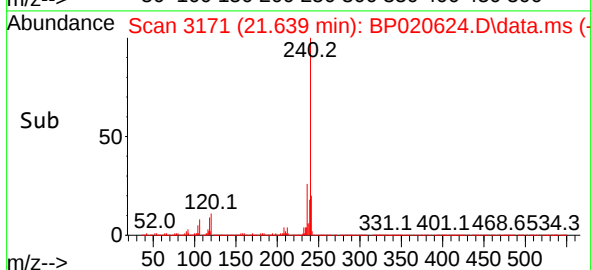
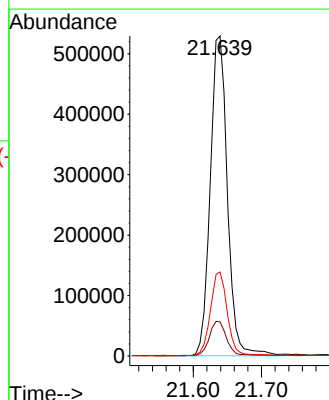
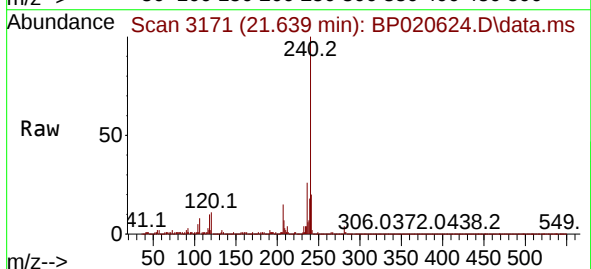
Tgt Ion:240 Resp: 926562

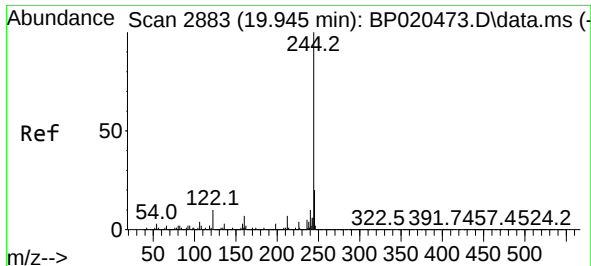
Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

236 26.3 20.5 30.7

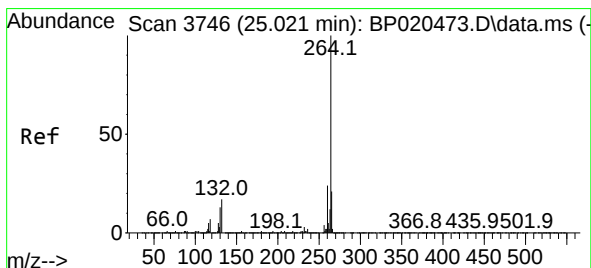
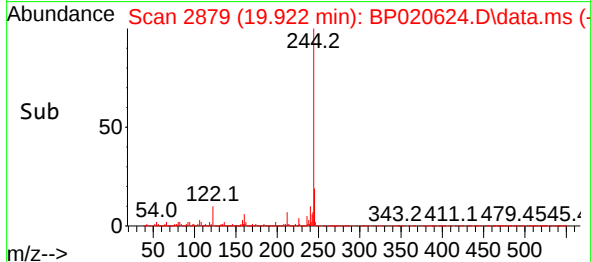
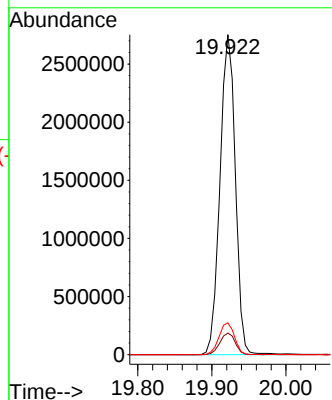
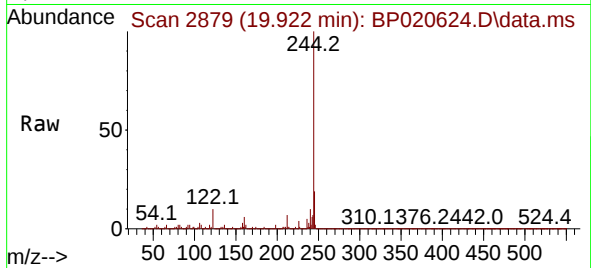




#79
 Terphenyl-d14
 Concen: 71.255 ng
 RT: 19.922 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP020624.D
 Acq: 14 Jun 2024 13:50

Instrument :
 BNA_P
 ClientSampleId :
 PB161492BL

Tgt Ion:244 Resp: 3965977
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.9 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: BP020624.D
 Acq: 14 Jun 2024 13:50

Tgt Ion:264 Resp: 1296954
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.6 17.4 26.0

