

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
 Data File : BP020598.D
 Acq On : 12 Jun 2024 12:10
 Operator : MA/JU
 Sample : PB161426BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161426BL

Quant Time: Jun 12 13:03:01 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	264920	20.000	ng	-0.02
21) Naphthalene-d8	10.528	136	964187	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	562250	20.000	ng	-0.01
64) Phenanthrene-d10	17.180	188	1073246	20.000	ng	-0.02
76) Chrysene-d12	21.645	240	1017907	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1276090	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1830677	123.726	ng	0.00
7) Phenol-d6	6.940	99	2234306	107.076	ng	0.00
23) Nitrobenzene-d5	8.904	82	1404756	79.753	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	783460	134.268	ng	-0.02
45) 2-Fluorobiphenyl	12.992	172	3048094	80.816	ng	-0.01
79) Terphenyl-d14	19.916	244	4477823	73.232	ng	-0.03

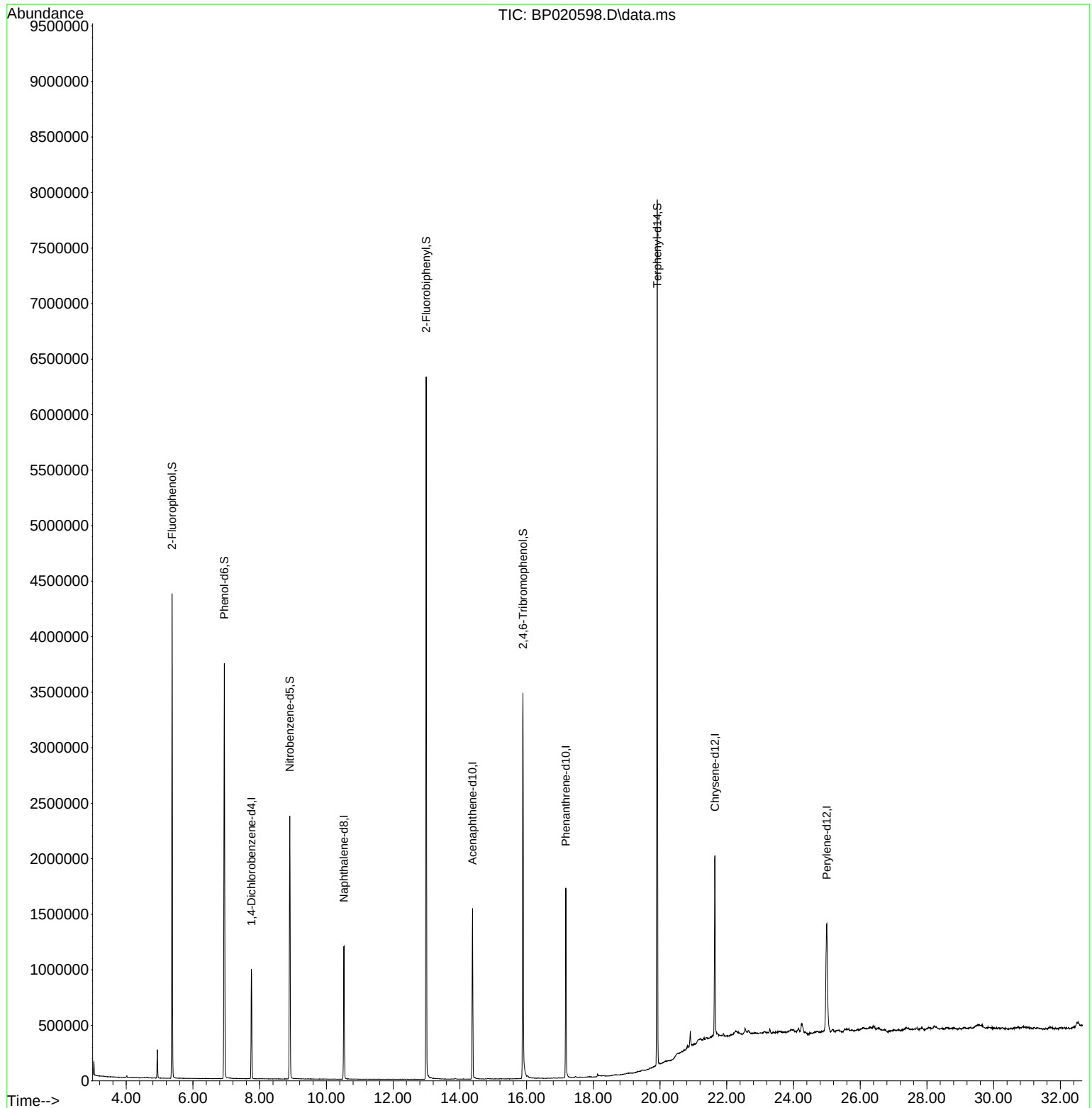
Target Compounds	Qvalue

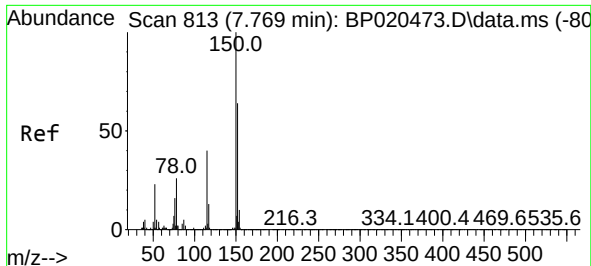
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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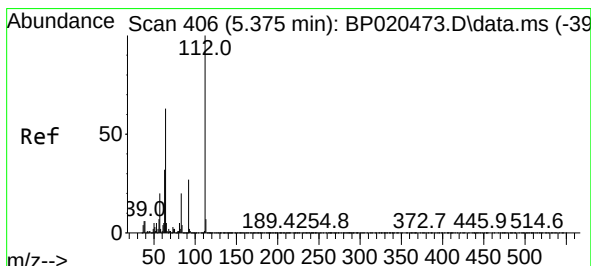
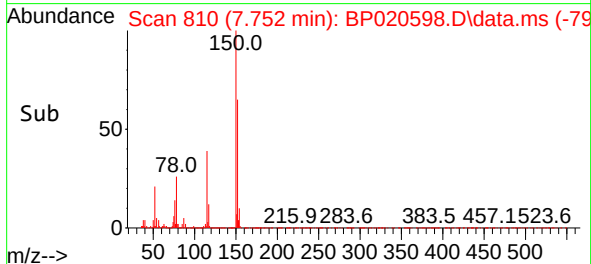
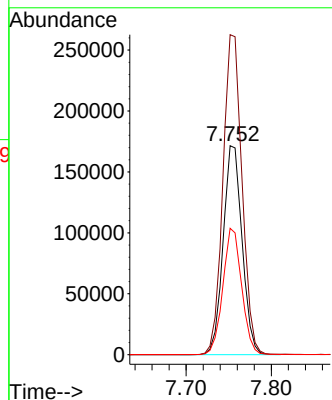
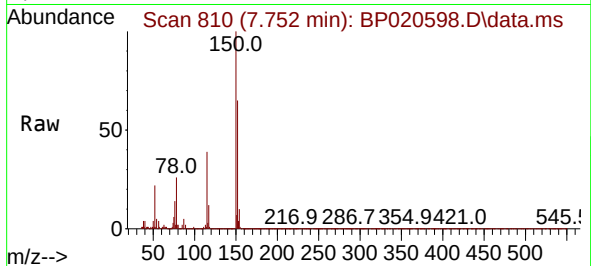




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020598.D
Acq: 12 Jun 2024 12:10

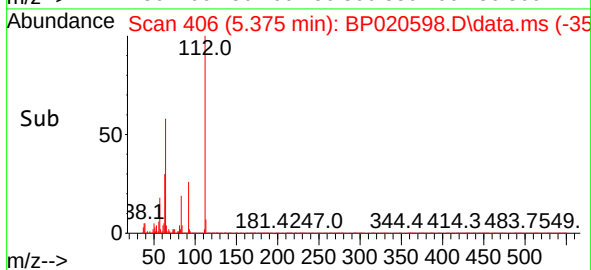
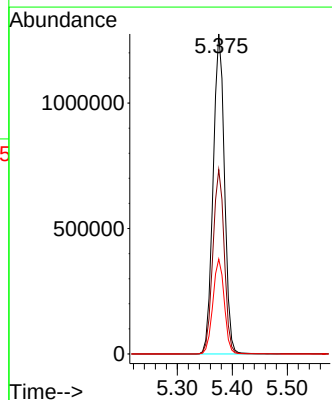
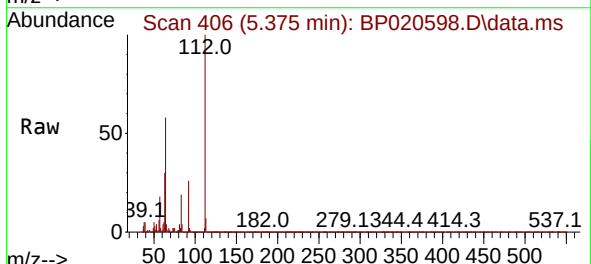
Instrument :
BNA_P
ClientSampleId :
PB161426BL

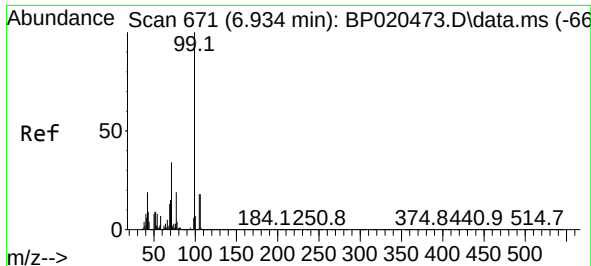
Tgt Ion:152 Resp: 264920
Ion Ratio Lower Upper
152 100
150 153.1 124.2 186.2
115 60.5 49.5 74.3



#5
2-Fluorophenol
Concen: 123.726 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020598.D
Acq: 12 Jun 2024 12:10

Tgt Ion:112 Resp: 1830677
Ion Ratio Lower Upper
112 100
64 57.6 50.1 75.1
63 29.6 25.7 38.5

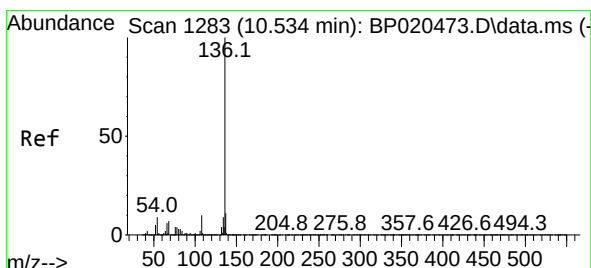
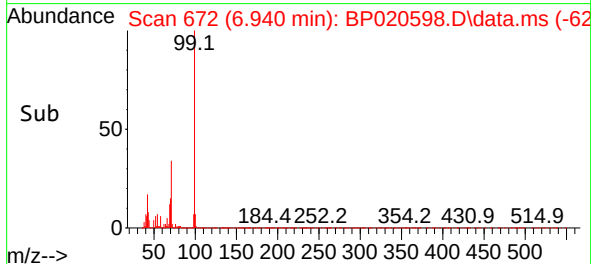
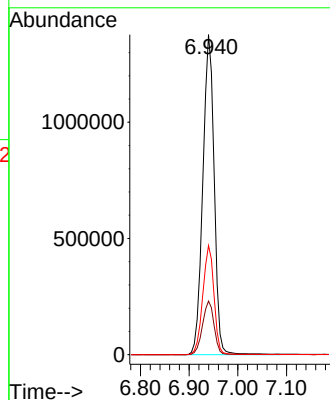
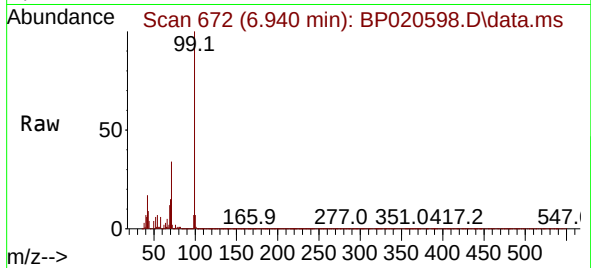




#7
Phenol-d6
Concen: 107.076 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020598.D
Acq: 12 Jun 2024 12:10

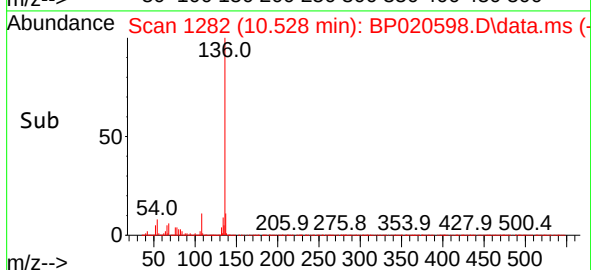
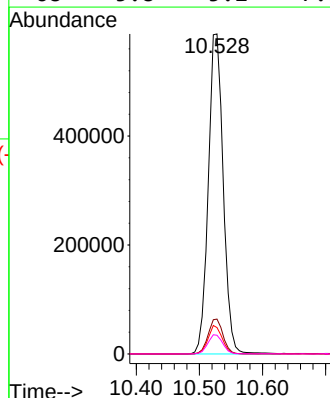
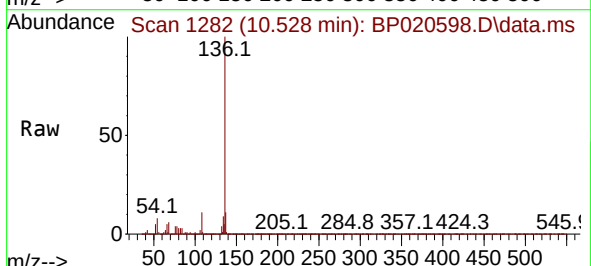
Instrument :
BNA_P
ClientSampleId :
PB161426BL

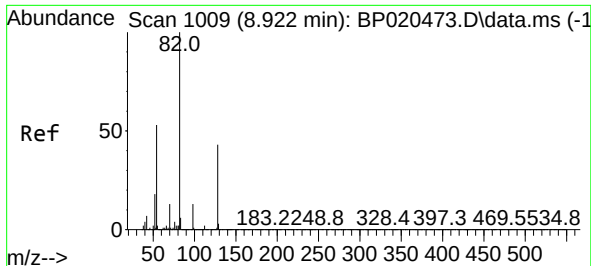
Tgt Ion: 99 Resp: 2234306
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.4
71 34.1 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020598.D
Acq: 12 Jun 2024 12:10

Tgt Ion:136 Resp: 964187
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.3 7.4 11.0
68 5.8 5.2 7.8

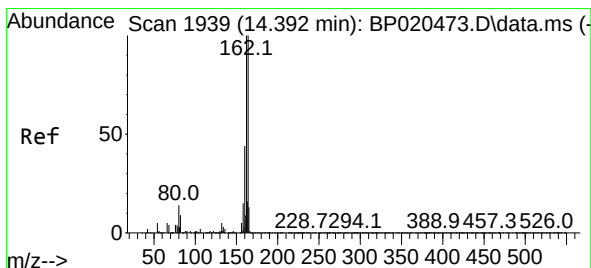
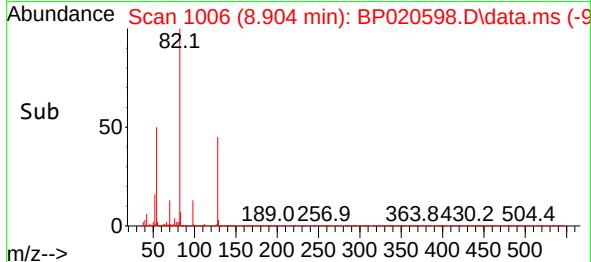
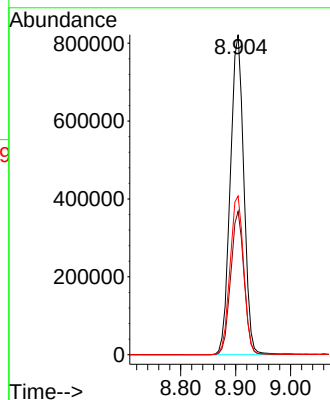
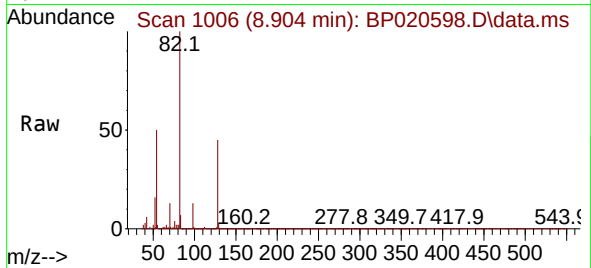




#23
Nitrobenzene-d5
Concen: 79.753 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020598.D
Acq: 12 Jun 2024 12:10

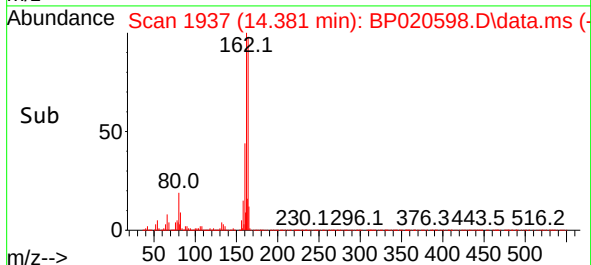
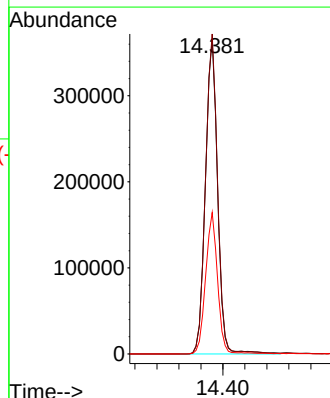
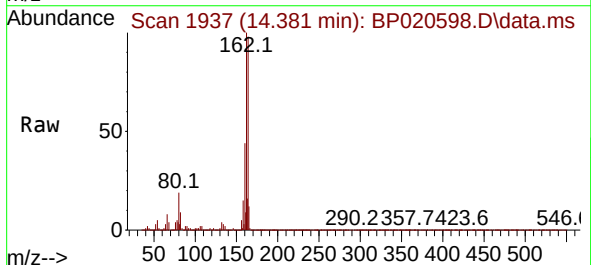
Instrument :
BNA_P
ClientSampleId :
PB161426BL

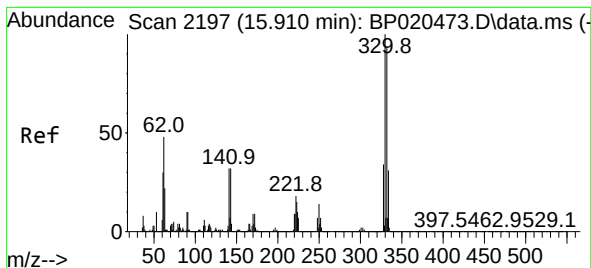
Tgt Ion: 82 Resp: 1404756
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.4
54 49.6 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020598.D
Acq: 12 Jun 2024 12:10

Tgt Ion:164 Resp: 562250
Ion Ratio Lower Upper
164 100
162 101.7 80.3 120.5
160 44.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 134.268 ng

RT: 15.892 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020598.D

Acq: 12 Jun 2024 12:10

Instrument :

BNA_P

ClientSampleId :

PB161426BL

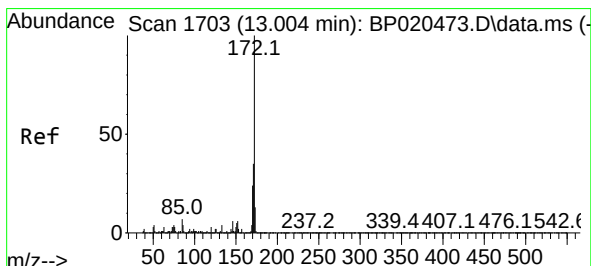
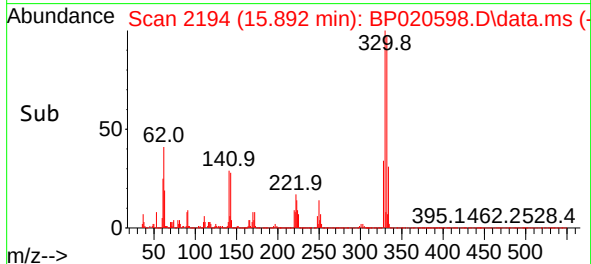
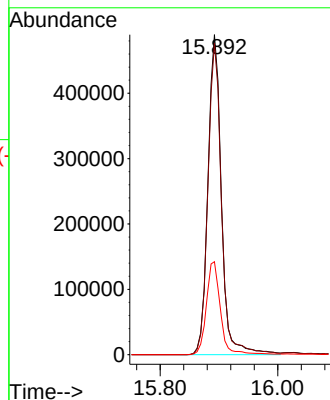
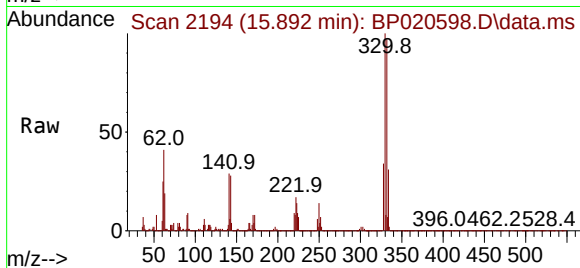
Tgt Ion:330 Resp: 783460

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

141 30.2 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 80.816 ng

RT: 12.992 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP020598.D

Acq: 12 Jun 2024 12:10

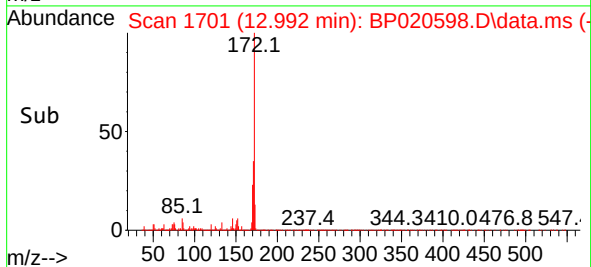
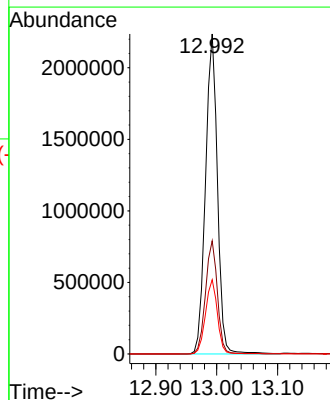
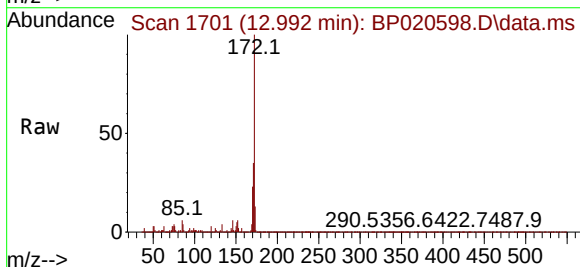
Tgt Ion:172 Resp: 3048094

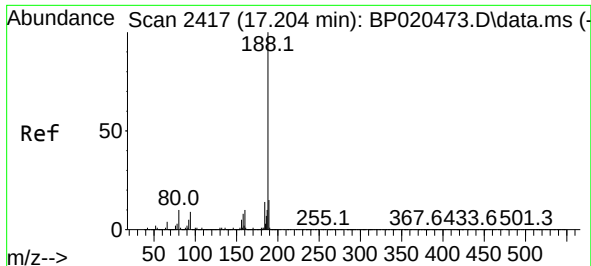
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.2 18.9 28.3

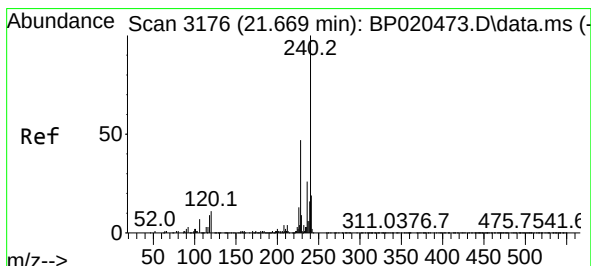
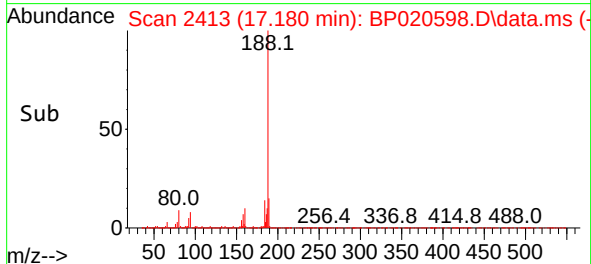
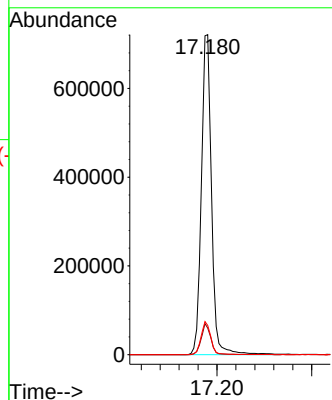
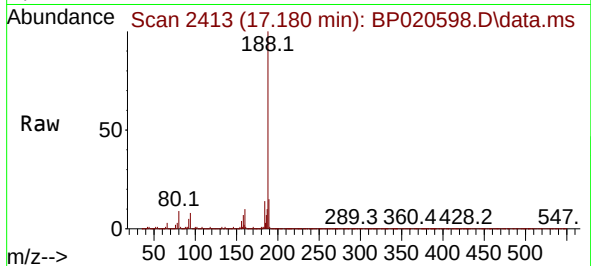




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2417
Delta R.T. -0.024 min
Lab File: BP020598.D
Acq: 12 Jun 2024 12:10

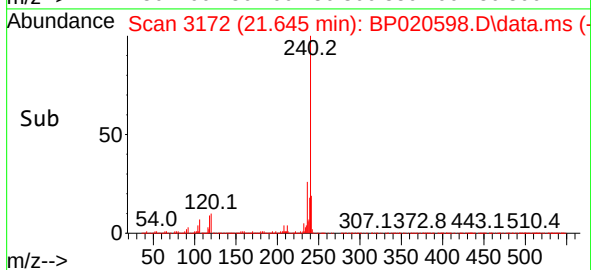
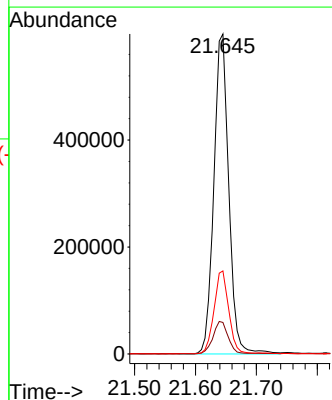
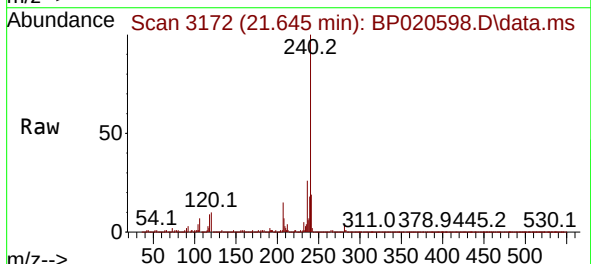
Instrument :
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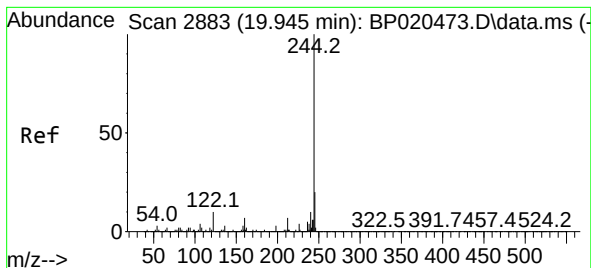
Tgt Ion:188 Resp: 1073246
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3172
Delta R.T. -0.024 min
Lab File: BP020598.D
Acq: 12 Jun 2024 12:10

Tgt Ion:240 Resp: 1017907
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 26.0 20.5 30.7





#79

Terphenyl-d14

Concen: 73.232 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP020598.D

Acq: 12 Jun 2024 12:10

Instrument :

BNA_P

ClientSampleId :

PB161426BL

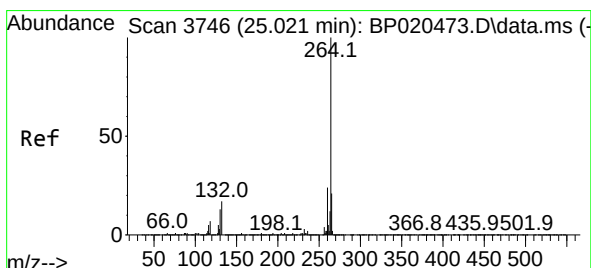
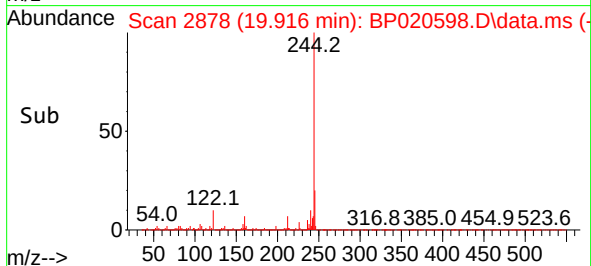
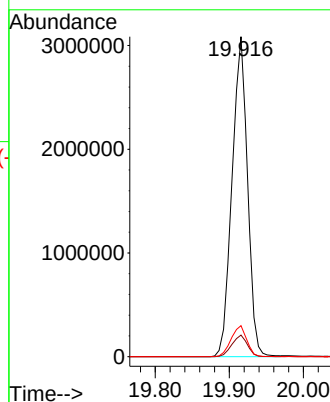
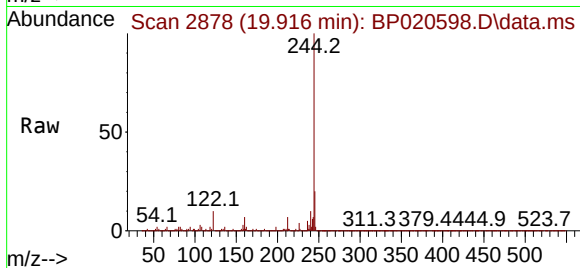
Tgt Ion:244 Resp: 4477823

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 9.7 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: BP020598.D

Acq: 12 Jun 2024 12:10

Tgt Ion:264 Resp: 1276090

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.6 17.4 26.0

