

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021976.D
 Acq On : 23 Sep 2024 10:29
 Operator : RC/JU
 Sample : PB163138BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163138BL

Quant Time: Sep 23 11:06:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	102576	20.000	ng	-0.04
21) Naphthalene-d8	10.451	136	359434	20.000	ng	-0.02
39) Acenaphthene-d10	14.316	164	240083	20.000	ng	-0.01
64) Phenanthrene-d10	17.110	188	538548	20.000	ng	-0.03
76) Chrysene-d12	21.533	240	573086	20.000	ng	-0.03
86) Perylene-d12	24.815	264	627189	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	767194	140.556	ng	-0.04
7) Phenol-d6	6.863	99	953856	134.615	ng	-0.04
23) Nitrobenzene-d5	8.828	82	637116	93.792	ng	-0.03
42) 2,4,6-Tribromophenol	15.828	330	549886	123.546	ng	-0.03
45) 2-Fluorobiphenyl	12.928	172	1563201	95.047	ng	-0.01
79) Terphenyl-d14	19.833	244	3064736	100.457	ng	-0.02

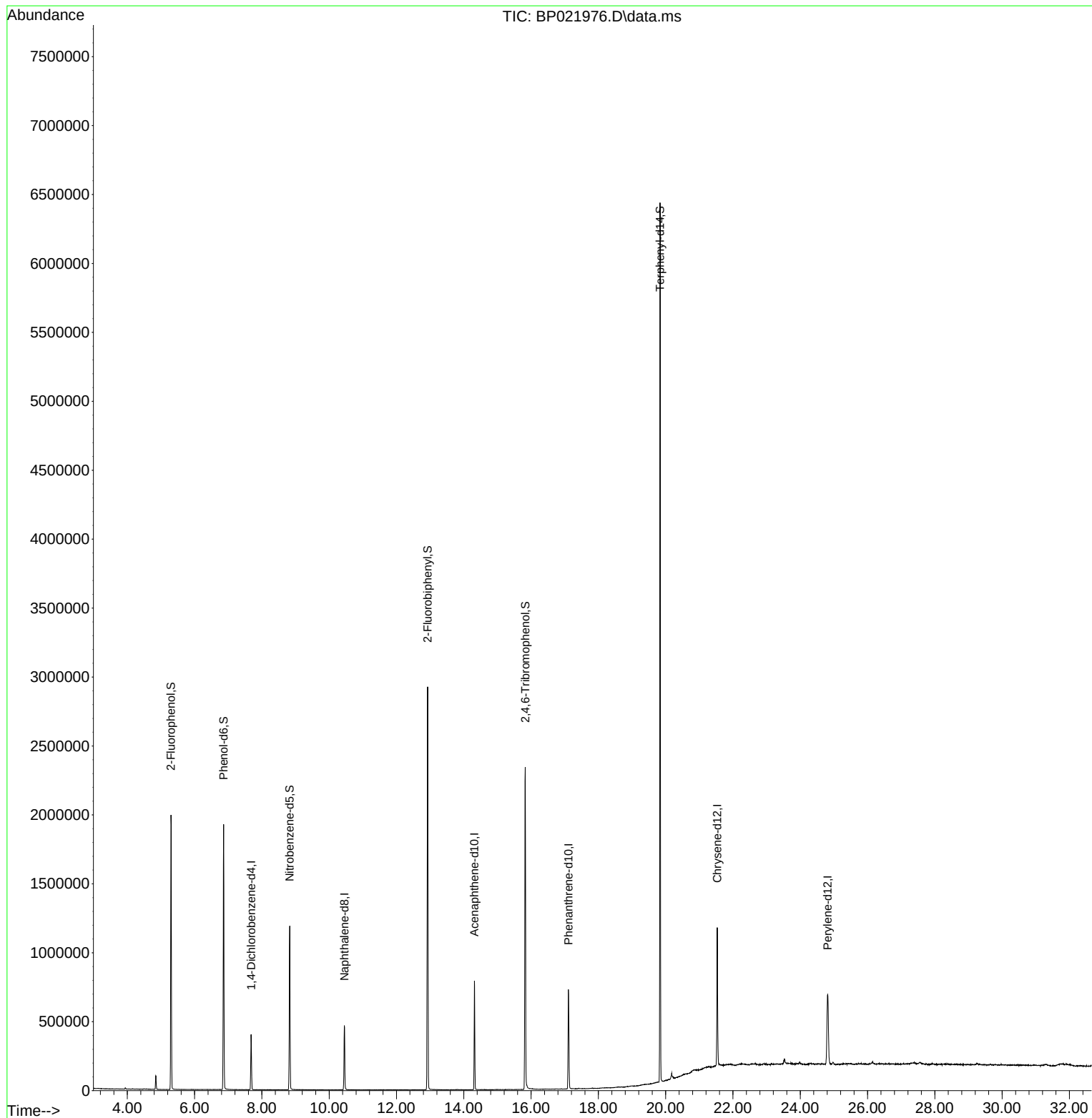
Target Compounds Qvalue

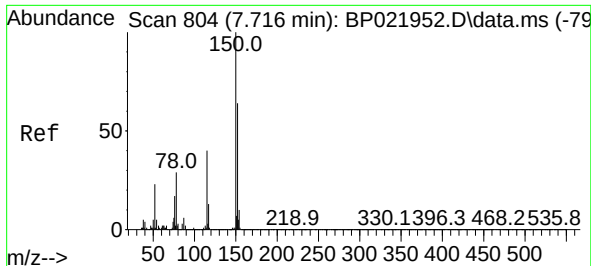
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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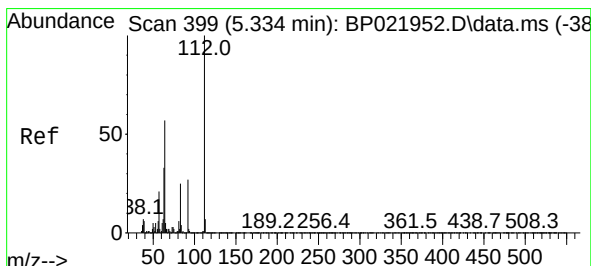
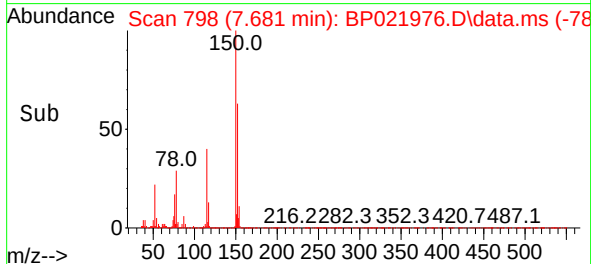
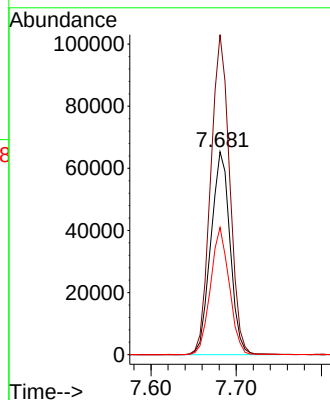
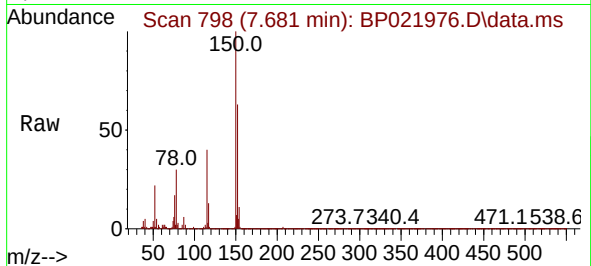




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.681 min Scan# 70
Delta R.T. -0.035 min
Lab File: BP021976.D
Acq: 23 Sep 2024 10:29

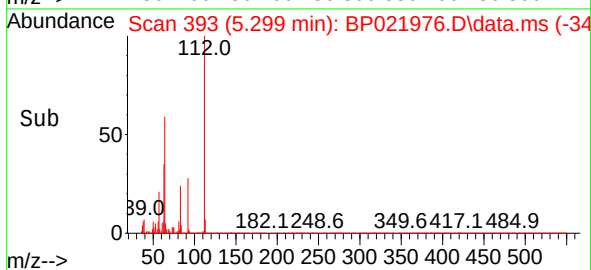
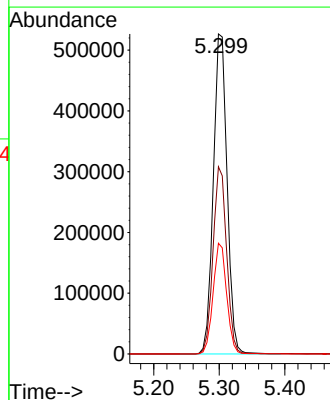
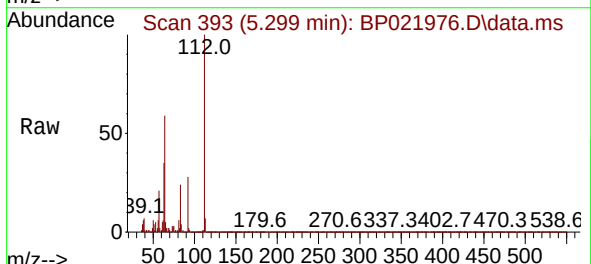
Instrument :
BNA_P
ClientSampleId :
PB163138BL

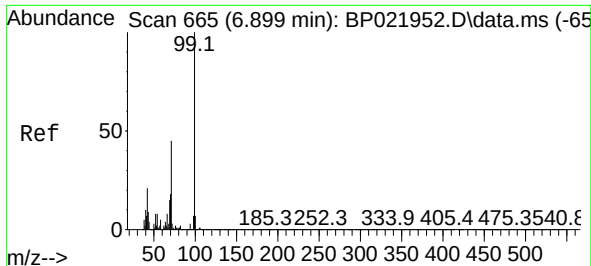
Tgt Ion:152 Resp: 102576
Ion Ratio Lower Upper
152 100
150 157.7 124.2 186.2
115 62.7 49.2 73.8



#5
2-Fluorophenol
Concen: 140.556 ng
RT: 5.299 min Scan# 393
Delta R.T. -0.035 min
Lab File: BP021976.D
Acq: 23 Sep 2024 10:29

Tgt Ion:112 Resp: 767194
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.0
63 34.6 26.6 39.8

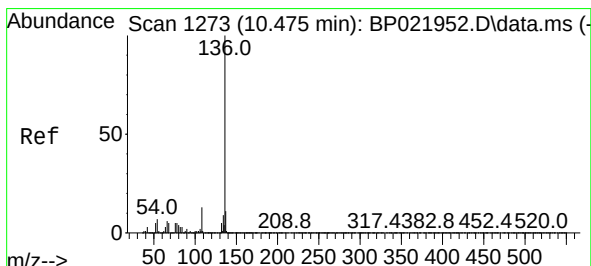
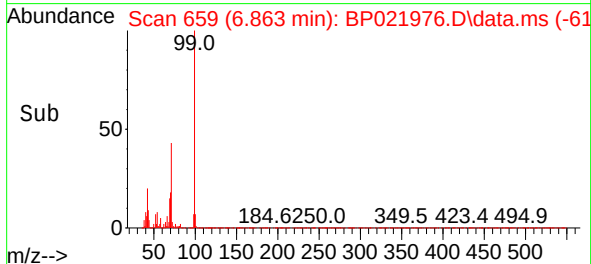
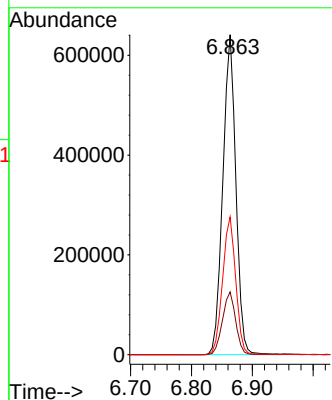
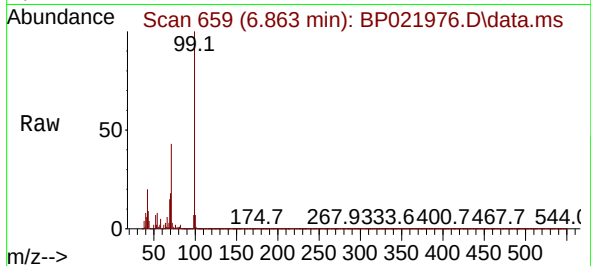




#7
Phenol-d6
Concen: 134.615 ng
RT: 6.863 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP021976.D
Acq: 23 Sep 2024 10:29

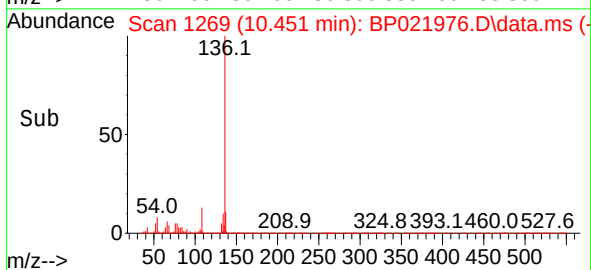
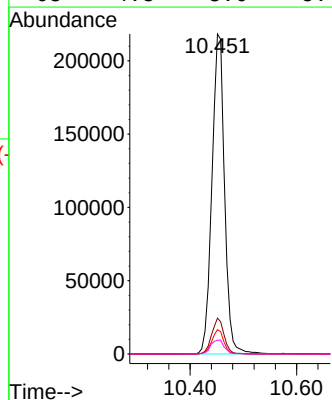
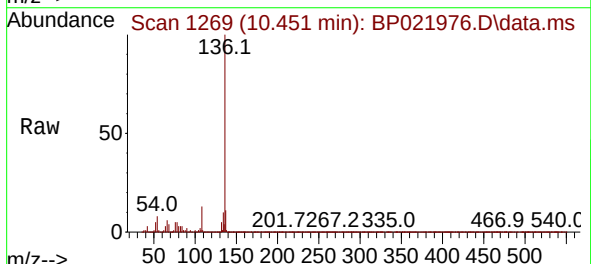
Instrument :
BNA_P
ClientSampleId :
PB163138BL

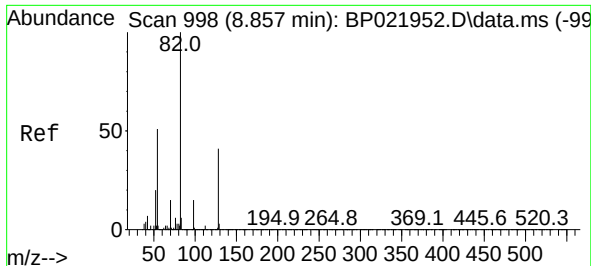
Tgt Ion: 99 Resp: 953856
Ion Ratio Lower Upper
99 100
42 19.6 16.8 25.2
71 43.0 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.024 min
Lab File: BP021976.D
Acq: 23 Sep 2024 10:29

Tgt Ion:136 Resp: 359434
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 5.5 8.3
68 4.3 3.6 5.4

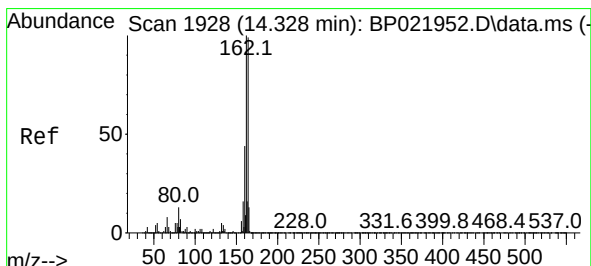
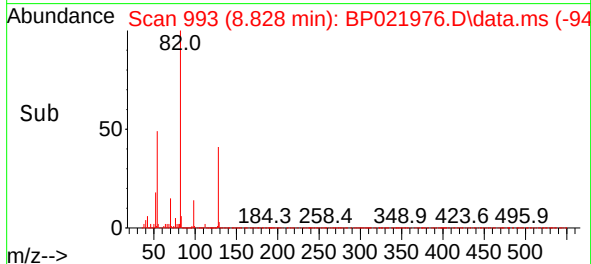
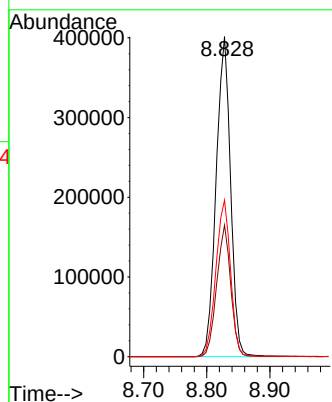
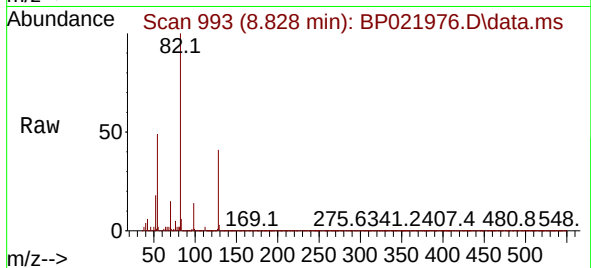




#23
Nitrobenzene-d5
Concen: 93.792 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.029 min
Lab File: BP021976.D
Acq: 23 Sep 2024 10:29

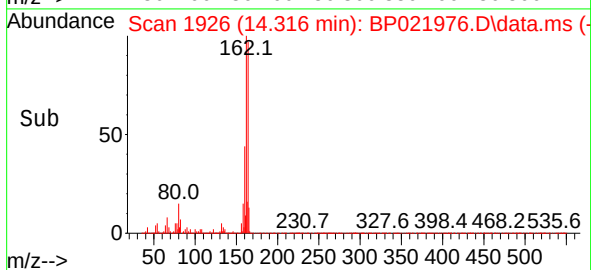
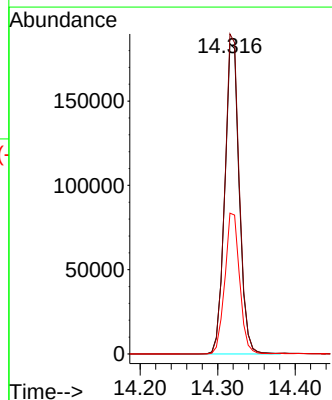
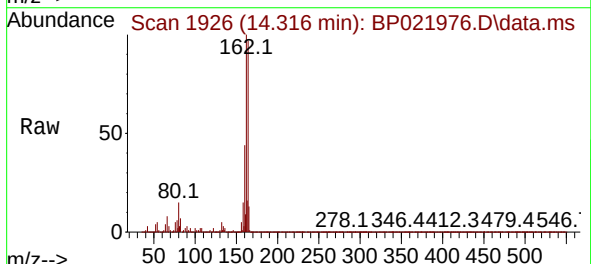
Instrument :
BNA_P
ClientSampleId :
PB163138BL

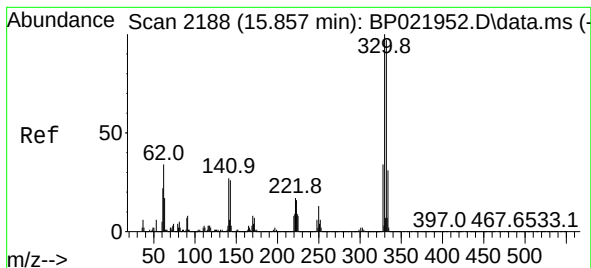
Tgt Ion: 82 Resp: 637116
Ion Ratio Lower Upper
82 100
128 41.1 33.1 49.7
54 48.9 40.3 60.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.316 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BP021976.D
Acq: 23 Sep 2024 10:29

Tgt Ion:164 Resp: 240083
Ion Ratio Lower Upper
164 100
162 103.1 81.2 121.8
160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 123.546 ng

RT: 15.828 min Scan# 2183

Delta R.T. -0.029 min

Lab File: BP021976.D

Acq: 23 Sep 2024 10:29

Instrument :

BNA_P

ClientSampleId :

PB163138BL

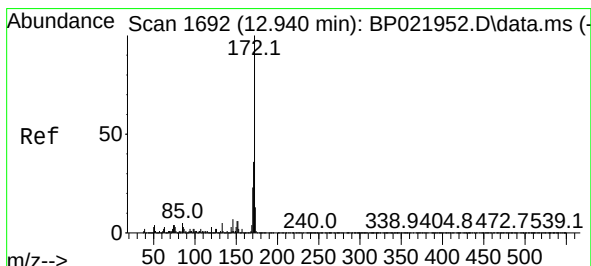
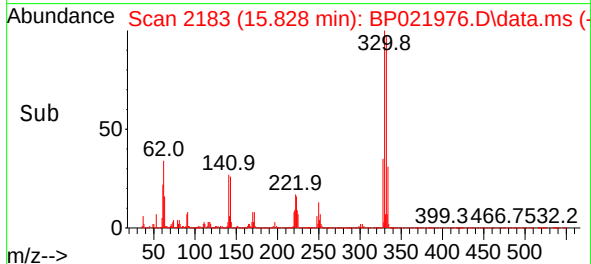
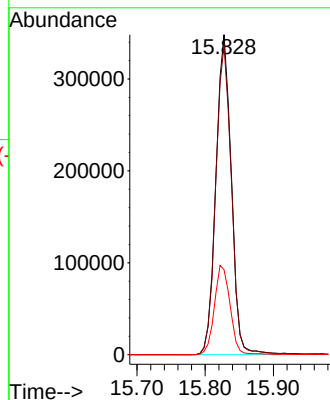
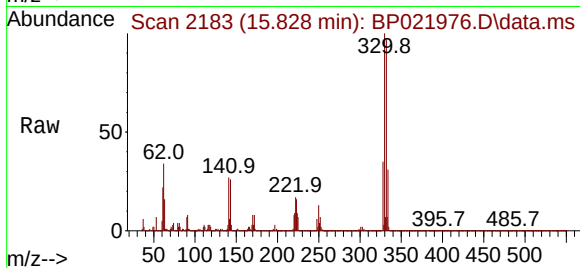
Tgt Ion:330 Resp: 549886

Ion Ratio Lower Upper

330 100

332 98.1 77.5 116.3

141 28.4 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 95.047 ng

RT: 12.928 min Scan# 1690

Delta R.T. -0.012 min

Lab File: BP021976.D

Acq: 23 Sep 2024 10:29

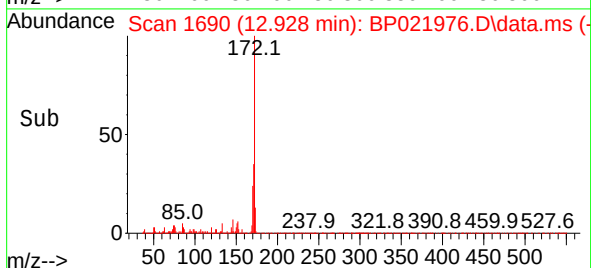
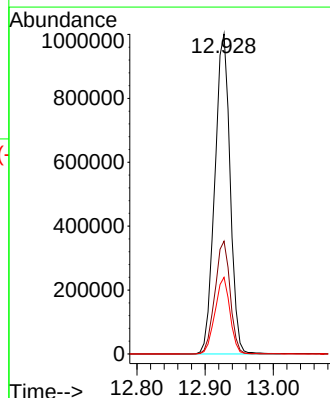
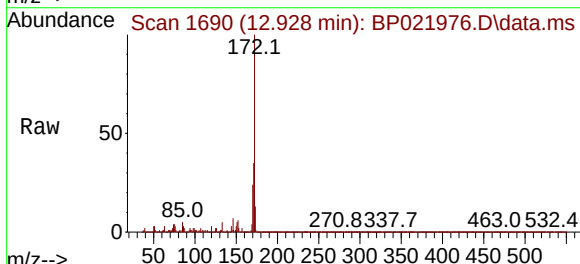
Tgt Ion:172 Resp: 1563201

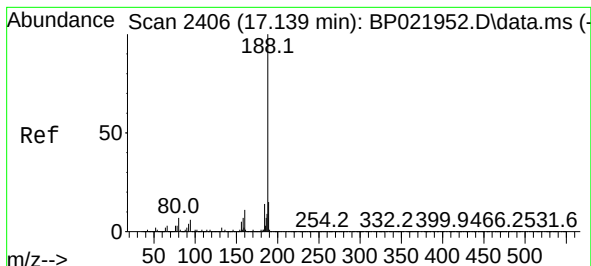
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 24.0 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.110 min Scan# 2401

Delta R.T. -0.029 min

Lab File: BP021976.D

Acq: 23 Sep 2024 10:29

Instrument :

BNA_P

ClientSampleId :

PB163138BL

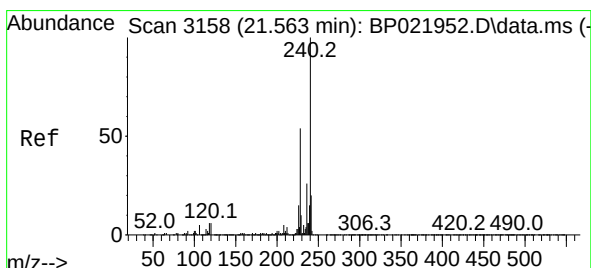
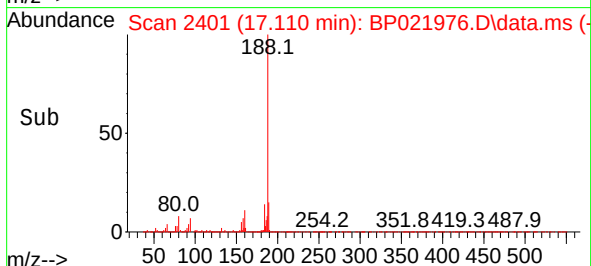
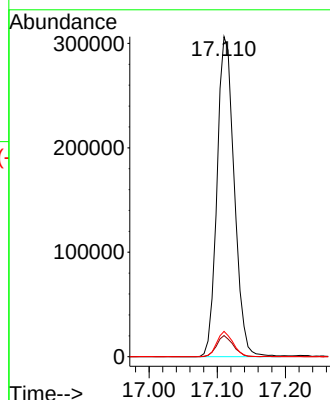
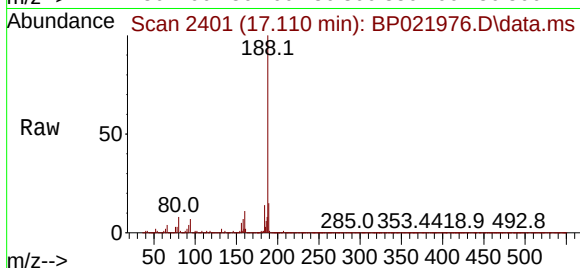
Tgt Ion:188 Resp: 538548

Ion Ratio Lower Upper

188 100

94 6.6 4.6 6.8

80 7.9 5.4 8.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3153

Delta R.T. -0.029 min

Lab File: BP021976.D

Acq: 23 Sep 2024 10:29

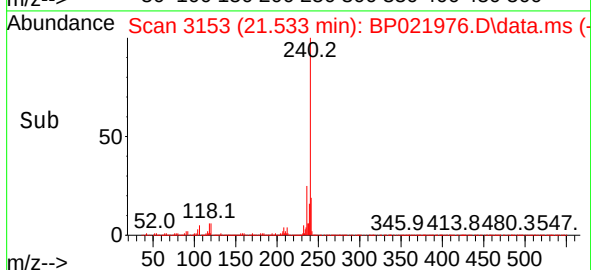
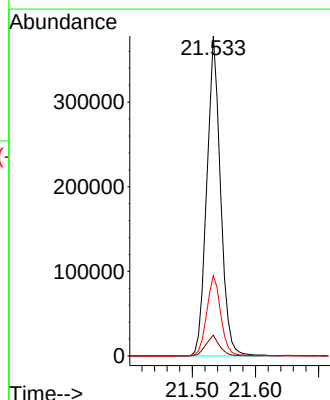
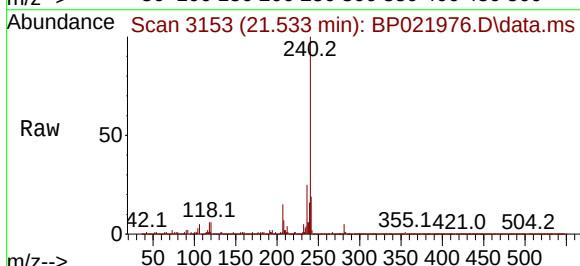
Tgt Ion:240 Resp: 573086

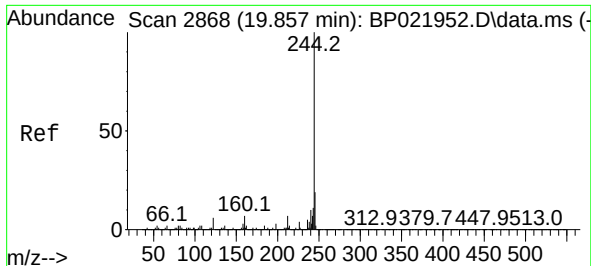
Ion Ratio Lower Upper

240 100

120 6.5 5.1 7.7

236 25.1 20.7 31.1

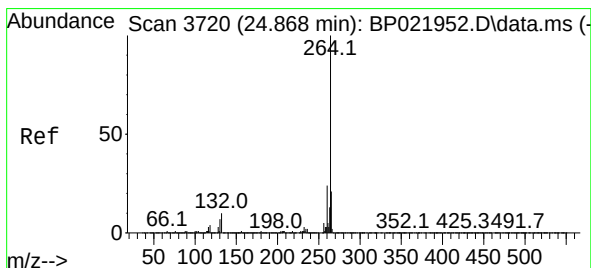
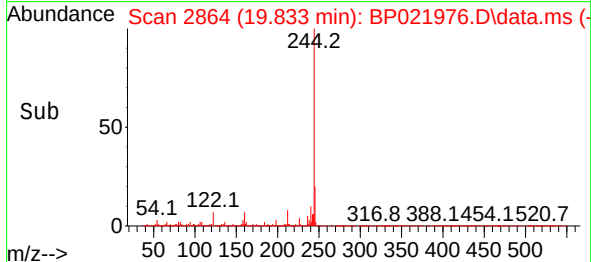
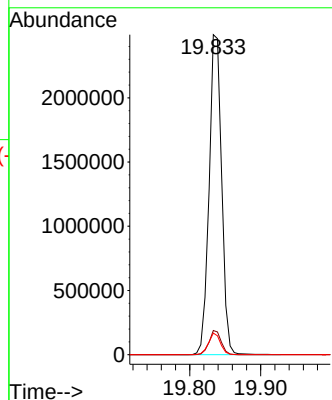
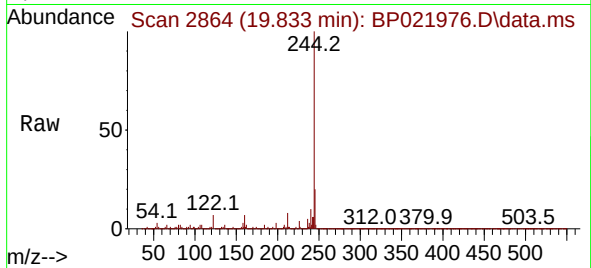




#79
 Terphenyl-d14
 Concen: 100.457 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP021976.D
 Acq: 23 Sep 2024 10:29

Instrument :
 BNA_P
 ClientSampleId :
 PB163138BL

Tgt Ion:244 Resp: 3064736
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 6.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.815 min Scan# 3711
 Delta R.T. -0.053 min
 Lab File: BP021976.D
 Acq: 23 Sep 2024 10:29

Tgt Ion:264 Resp: 627189
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.8 17.5 26.3

