

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021957.D
 Acq On : 19 Sep 2024 19:06
 Operator : RC/JU
 Sample : PB163076BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163076BL

Quant Time: Sep 20 01:47:00 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	7.710	152	88929	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	318704	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	226148	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	554324	20.000	ng	-0.01
76) Chrysene-d12	21.551	240	694617	20.000	ng	-0.01
86) Perylene-d12	24.845	264	768030	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	695977	147.076	ng	0.00
7) Phenol-d6	6.899	99	853854	138.994	ng	0.00
23) Nitrobenzene-d5	8.852	82	578540	96.053	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	637198	151.984	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	1479416	95.495	ng	0.00
79) Terphenyl-d14	19.857	244	3951364	106.858	ng	0.00

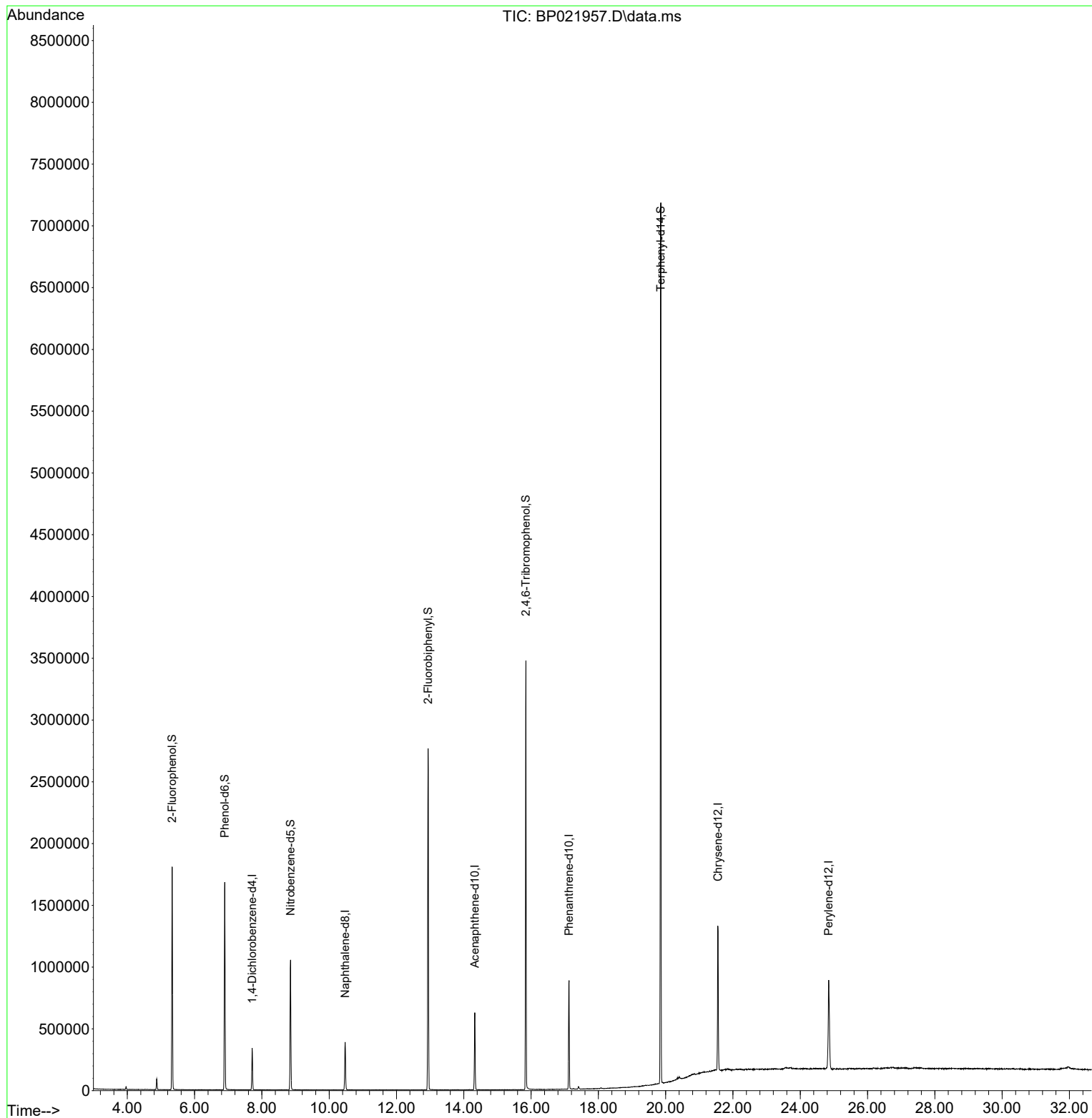
Target Compounds	Qvalue

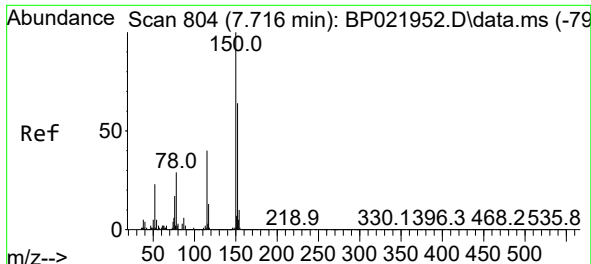
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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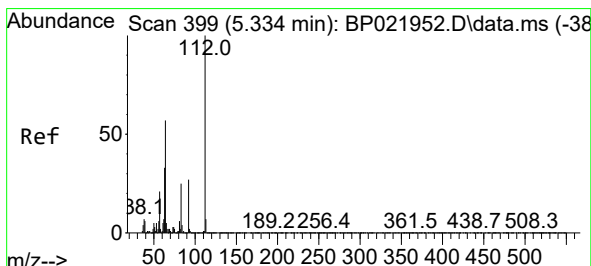
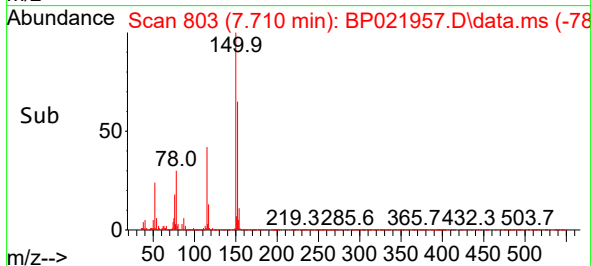
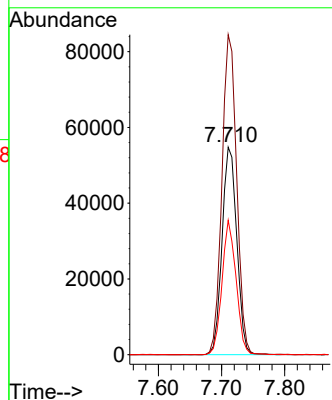
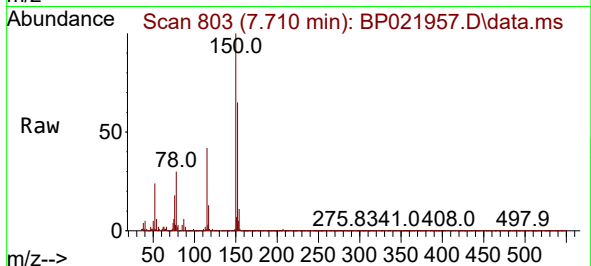




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021957.D
Acq: 19 Sep 2024 19:06

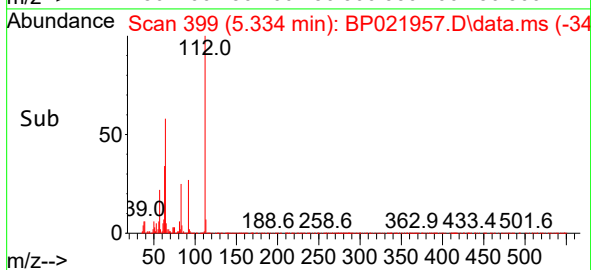
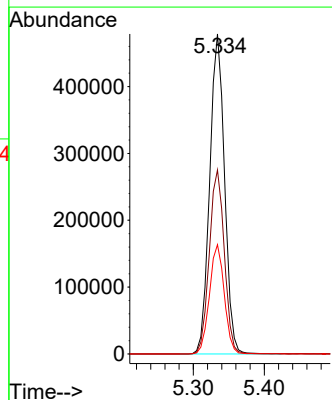
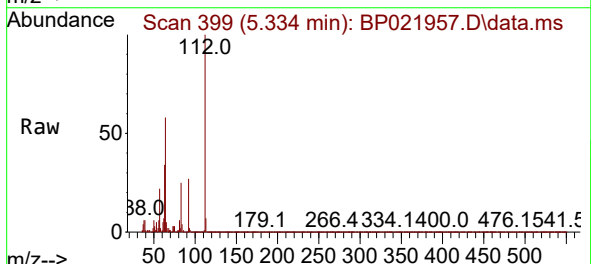
Instrument :
BNA_P
ClientSampleId :
PB163076BL

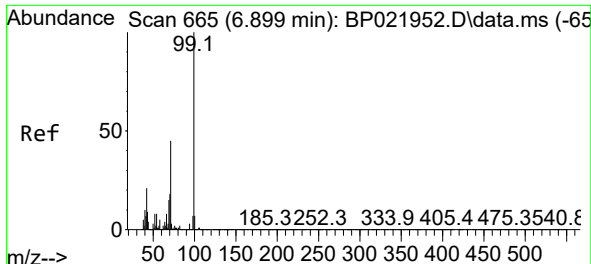
Tgt Ion:152 Resp: 88929
Ion Ratio Lower Upper
152 100
150 154.2 124.2 186.2
115 64.8 49.2 73.8



#5
2-Fluorophenol
Concen: 147.076 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.000 min
Lab File: BP021957.D
Acq: 19 Sep 2024 19:06

Tgt Ion:112 Resp: 695977
Ion Ratio Lower Upper
112 100
64 57.5 45.4 68.0
63 34.1 26.6 39.8

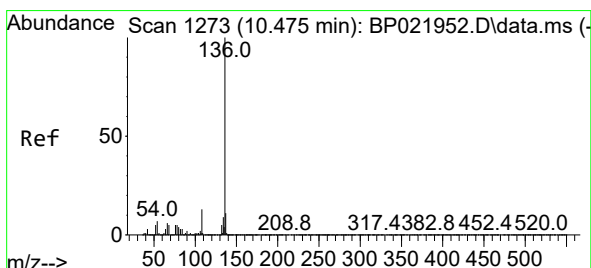
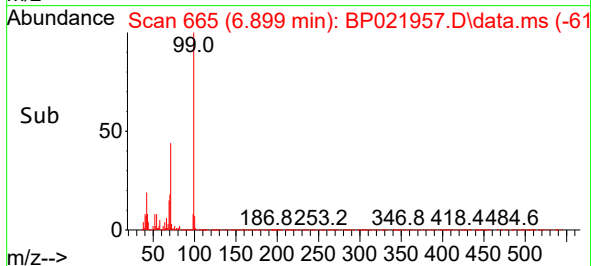
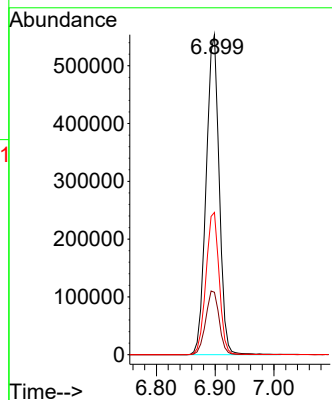
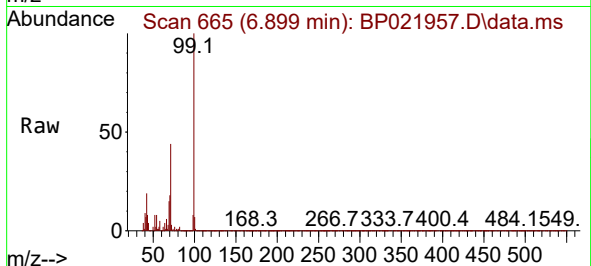




#7
Phenol-d6
Concen: 138.994 ng
RT: 6.899 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP021957.D
Acq: 19 Sep 2024 19:06

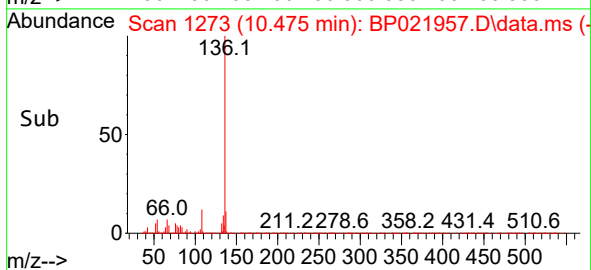
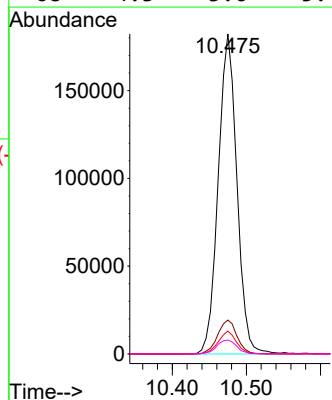
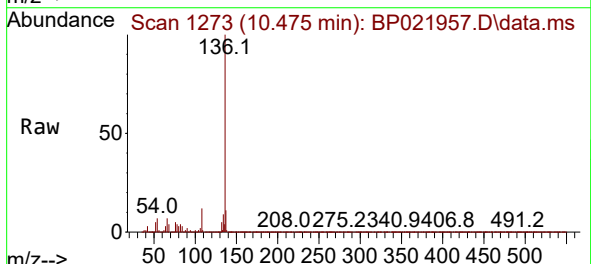
Instrument :
BNA_P
ClientSampleId :
PB163076BL

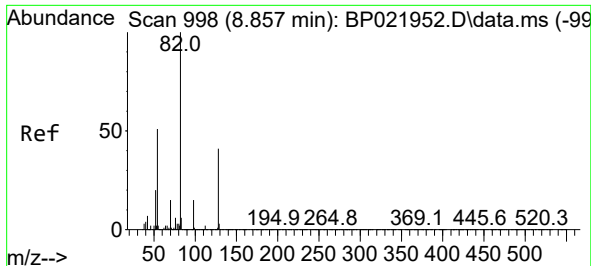
Tgt Ion: 99 Resp: 853854
Ion Ratio Lower Upper
99 100
42 19.5 16.8 25.2
71 44.4 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BP021957.D
Acq: 19 Sep 2024 19:06

Tgt Ion:136 Resp: 318704
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.1 5.5 8.3
68 4.3 3.6 5.4

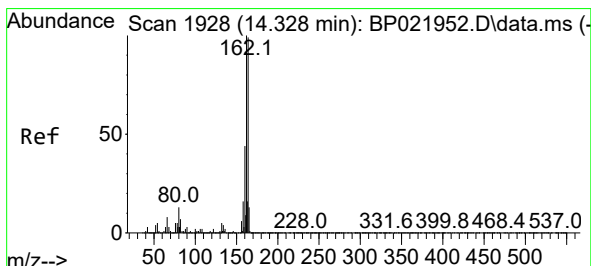
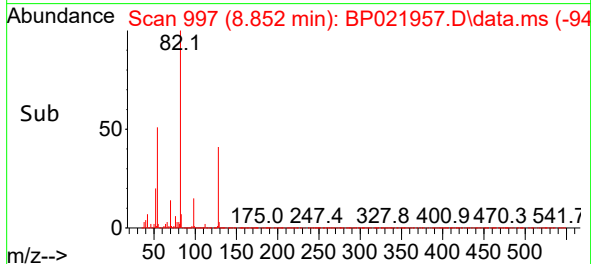
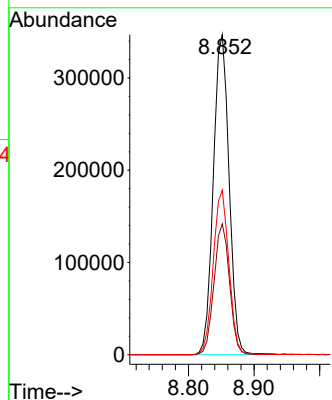
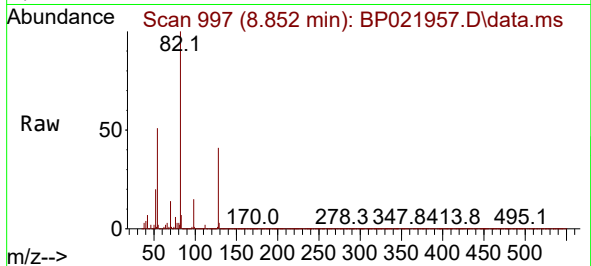




#23
Nitrobenzene-d5
Concen: 96.053 ng
RT: 8.852 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP021957.D
Acq: 19 Sep 2024 19:06

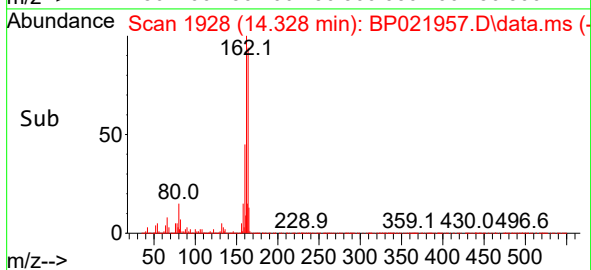
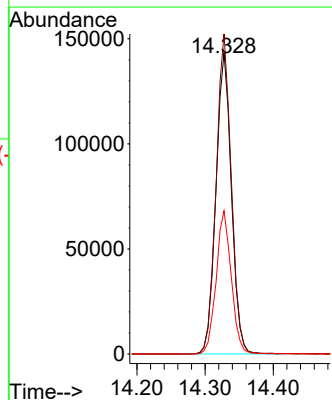
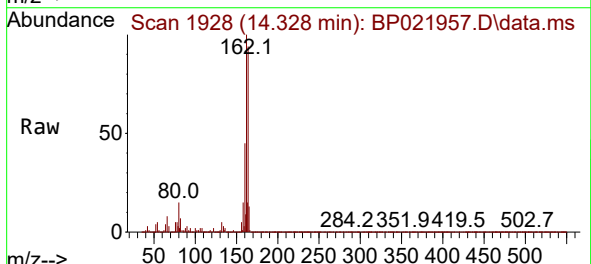
Instrument :
BNA_P
ClientSampleId :
PB163076BL

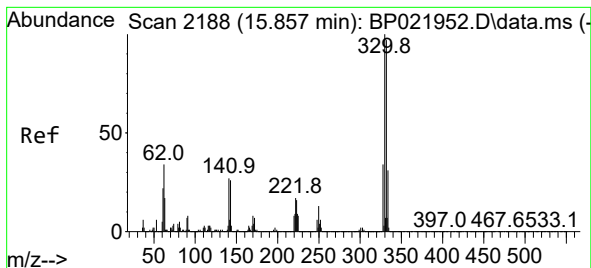
Tgt Ion: 82 Resp: 578540
Ion Ratio Lower Upper
82 100
128 40.9 33.1 49.7
54 51.5 40.3 60.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP021957.D
Acq: 19 Sep 2024 19:06

Tgt Ion:164 Resp: 226148
Ion Ratio Lower Upper
164 100
162 106.3 81.2 121.8
160 47.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 151.984 ng

RT: 15.845 min Scan# 2186

Delta R.T. -0.012 min

Lab File: BP021957.D

Acq: 19 Sep 2024 19:06

Instrument :

BNA_P

ClientSampleId :

PB163076BL

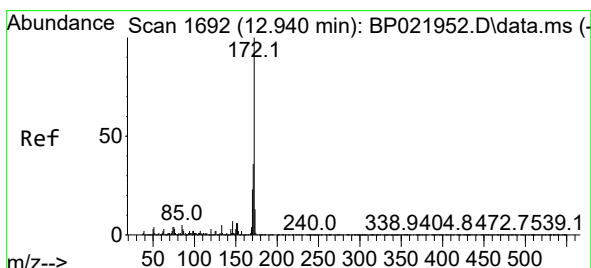
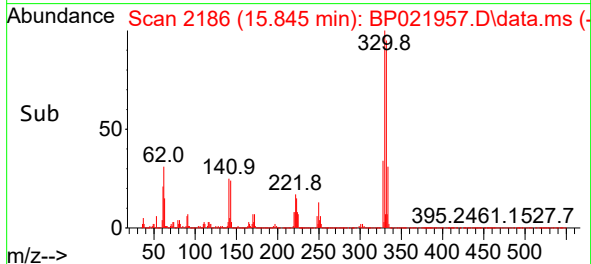
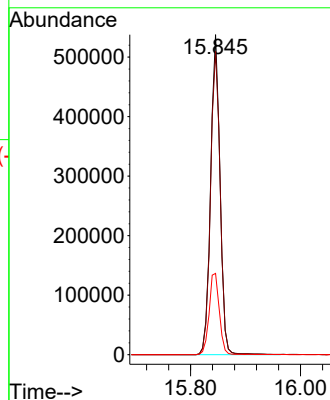
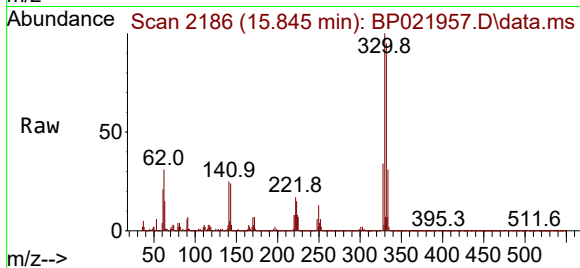
Tgt Ion:330 Resp: 637198

Ion Ratio Lower Upper

330 100

332 97.3 77.5 116.3

141 27.4 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 95.495 ng

RT: 12.940 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BP021957.D

Acq: 19 Sep 2024 19:06

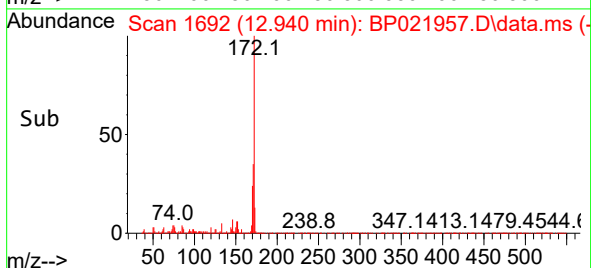
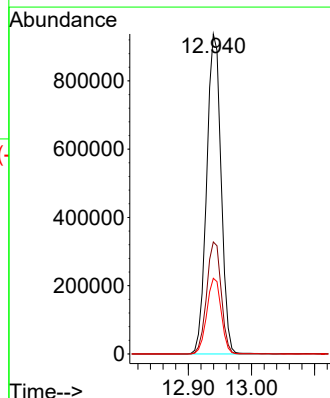
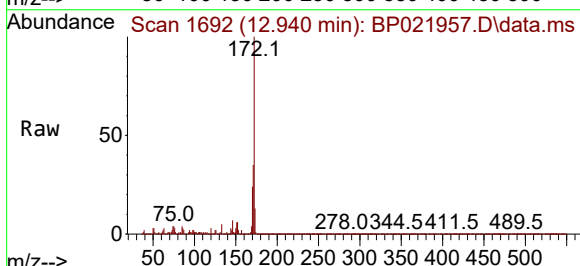
Tgt Ion:172 Resp: 1479416

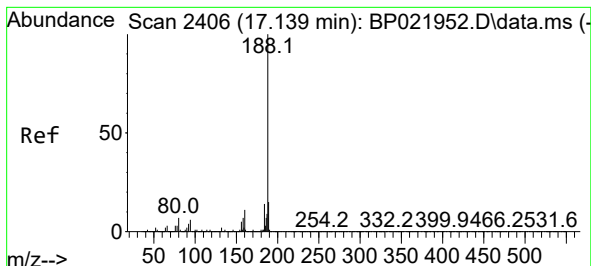
Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.128 min Scan# 2404

Delta R.T. -0.012 min

Lab File: BP021957.D

Acq: 19 Sep 2024 19:06

Instrument :

BNA_P

ClientSampleId :

PB163076BL

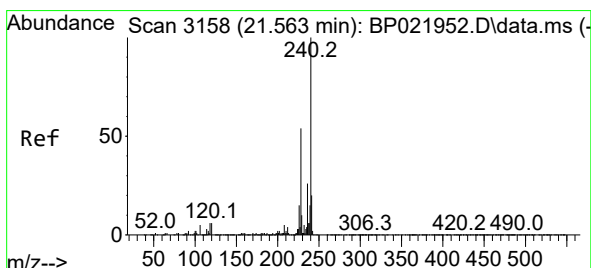
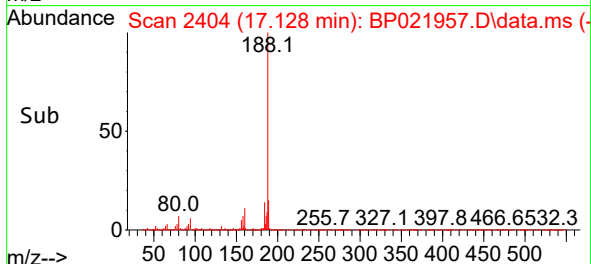
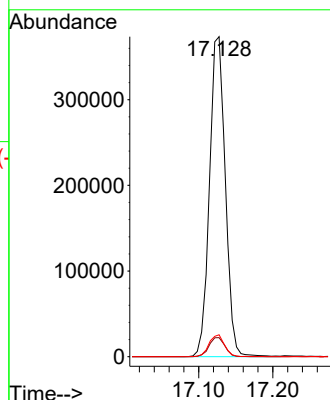
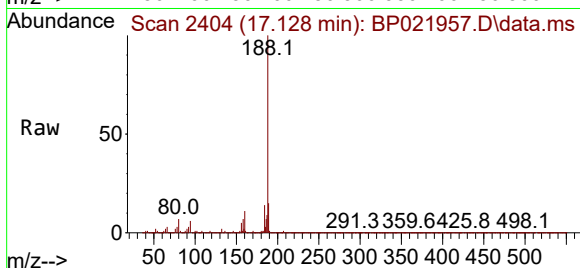
Tgt Ion:188 Resp: 554324

Ion Ratio Lower Upper

188 100

94 6.0 4.6 6.8

80 6.9 5.4 8.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.551 min Scan# 3156

Delta R.T. -0.012 min

Lab File: BP021957.D

Acq: 19 Sep 2024 19:06

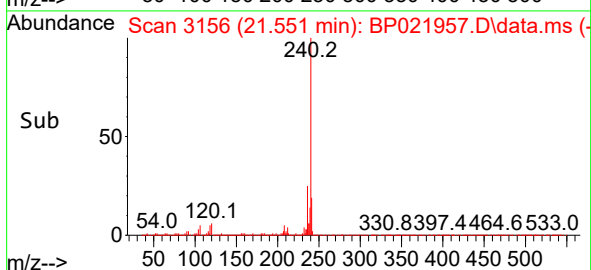
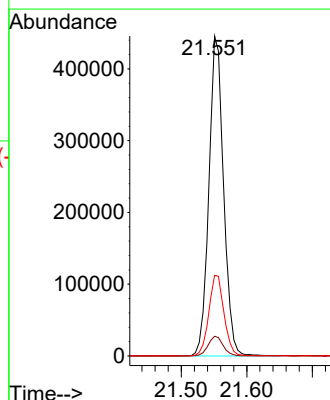
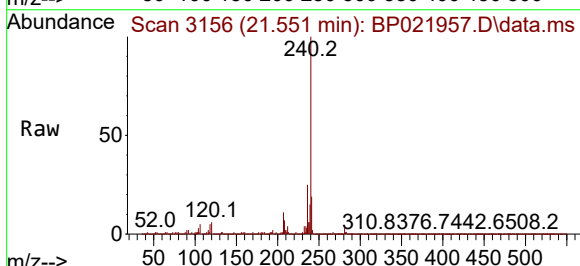
Tgt Ion:240 Resp: 694617

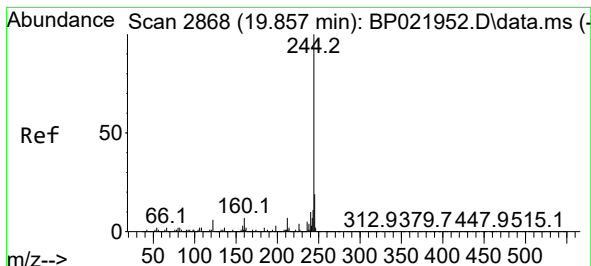
Ion Ratio Lower Upper

240 100

120 6.1 5.1 7.7

236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 106.858 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021957.D

Acq: 19 Sep 2024 19:06

Instrument :

BNA_P

ClientSampleId :

PB163076BL

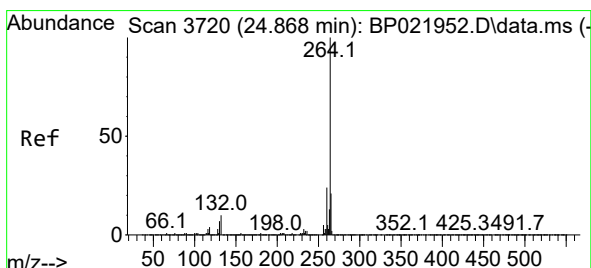
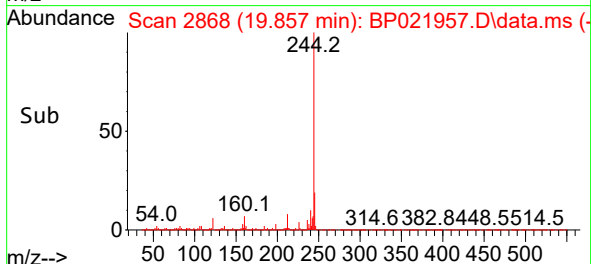
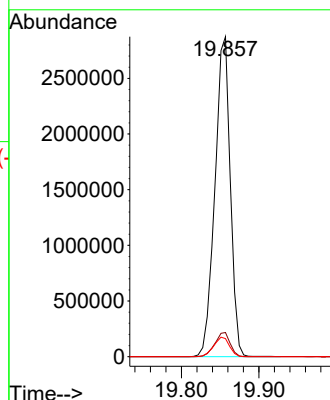
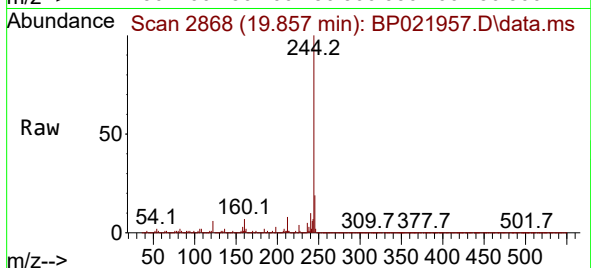
Tgt Ion:244 Resp: 3951364

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 5.6 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.845 min Scan# 3716

Delta R.T. -0.024 min

Lab File: BP021957.D

Acq: 19 Sep 2024 19:06

Tgt Ion:264 Resp: 768030

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.2 17.5 26.3

