

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021972.D
 Acq On : 20 Sep 2024 18:13
 Operator : RC/JU
 Sample : PB163110BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163110BL

Quant Time: Sep 21 01:58:40 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	104663	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	353857	20.000	ng	0.00
39) Acenaphthene-d10	14.333	164	228261	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	496320	20.000	ng	-0.02
76) Chrysene-d12	21.557	240	510780	20.000	ng	0.00
86) Perylene-d12	24.851	264	583237	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	753100	135.223	ng	0.00
7) Phenol-d6	6.893	99	936678	129.554	ng	0.00
23) Nitrobenzene-d5	8.851	82	635147	94.975	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	529238	125.065	ng	-0.02
45) 2-Fluorobiphenyl	12.939	172	1525661	97.569	ng	0.00
79) Terphenyl-d14	19.851	244	2812027	103.417	ng	0.00

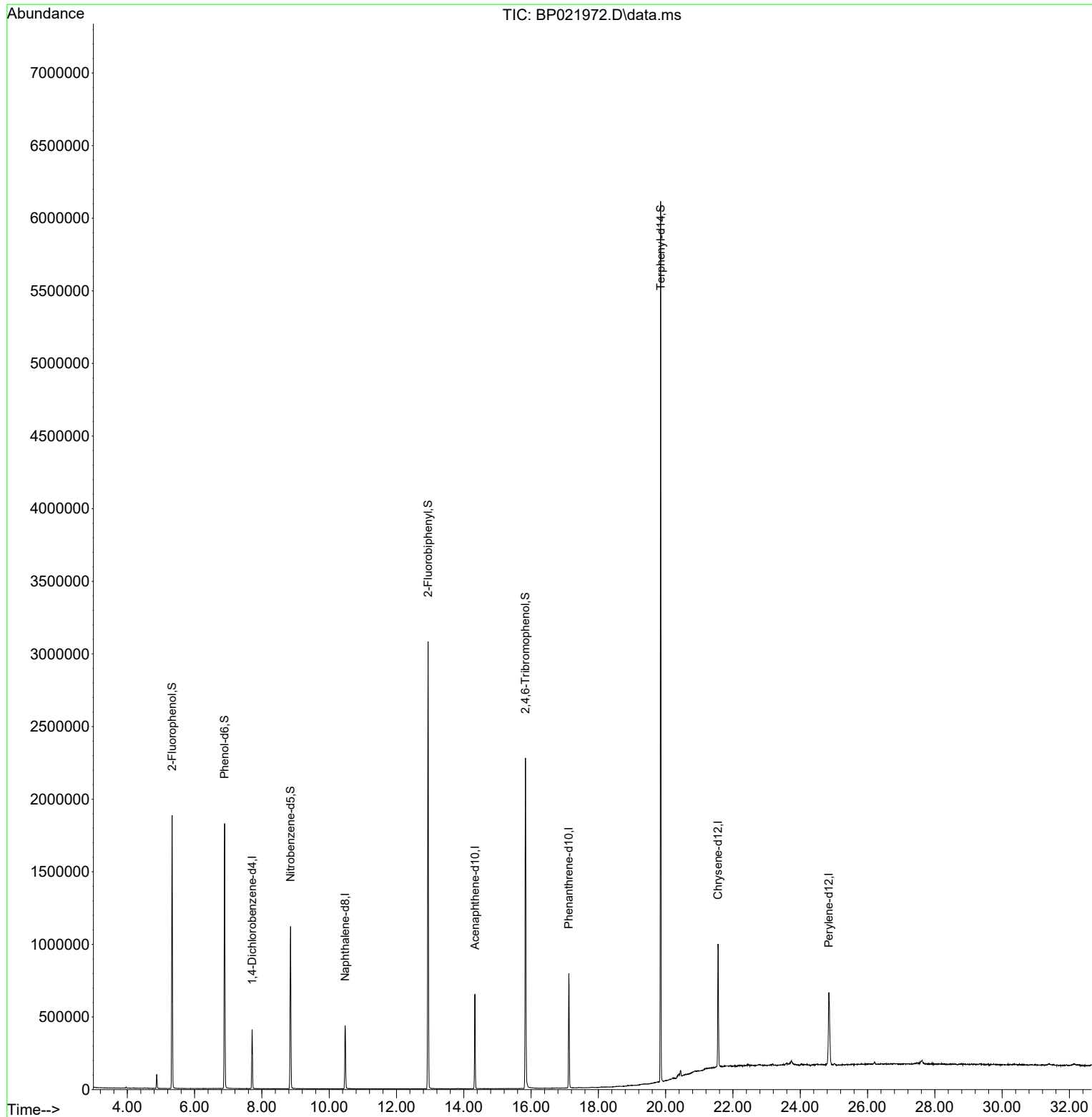
Target Compounds	Qvalue

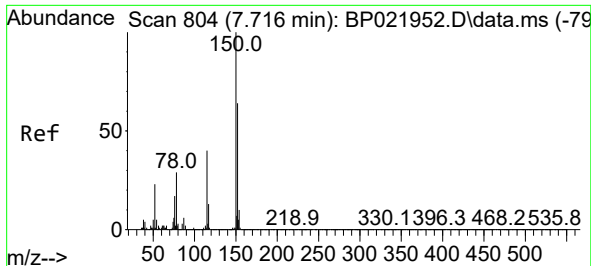
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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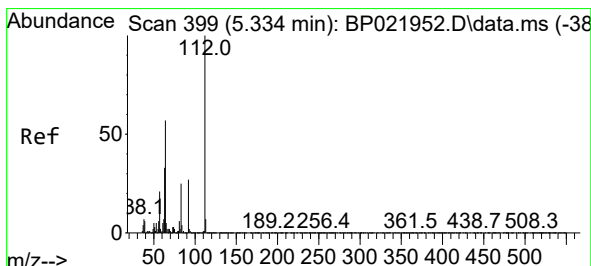
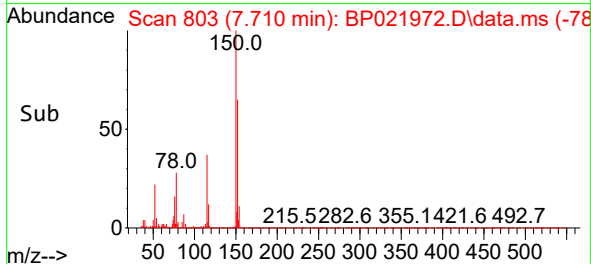
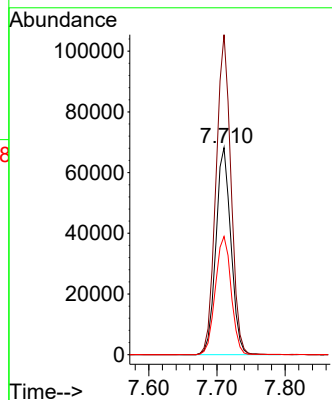
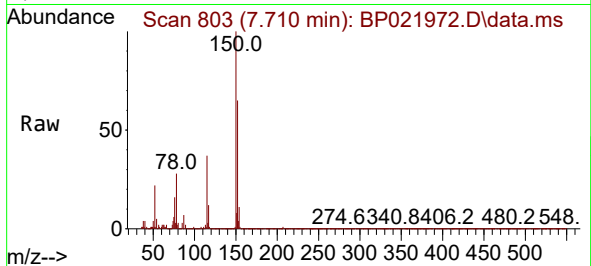




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021972.D
Acq: 20 Sep 2024 18:13

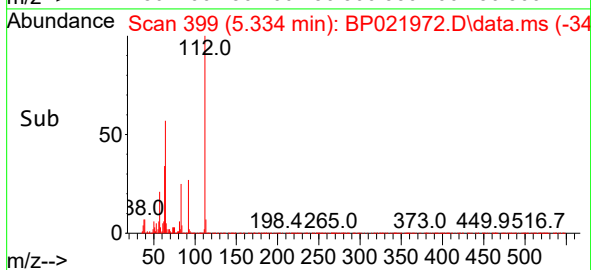
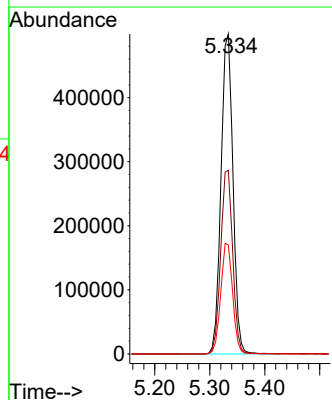
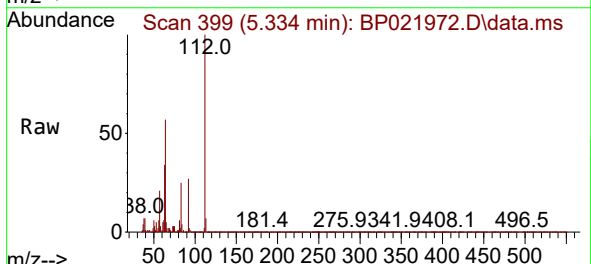
Instrument :
BNA_P
ClientSampleId :
PB163110BL

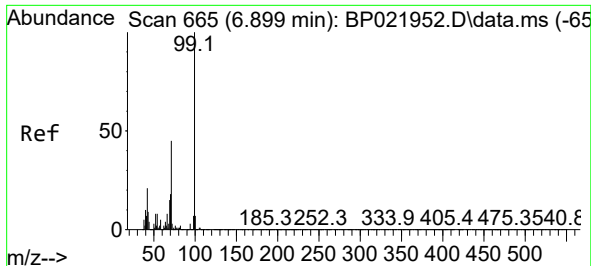
Tgt Ion:152 Resp: 104663
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 57.1 49.2 73.8



#5
2-Fluorophenol
Concen: 135.223 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.000 min
Lab File: BP021972.D
Acq: 20 Sep 2024 18:13

Tgt Ion:112 Resp: 753100
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.0
63 34.1 26.6 39.8

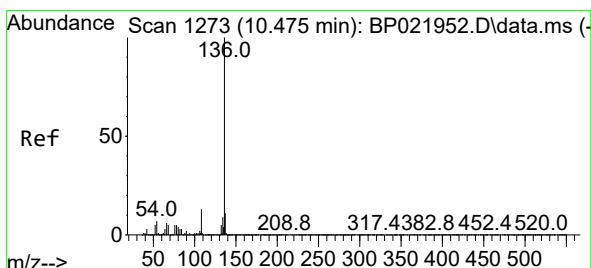
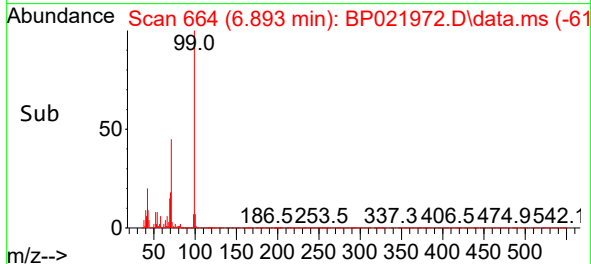
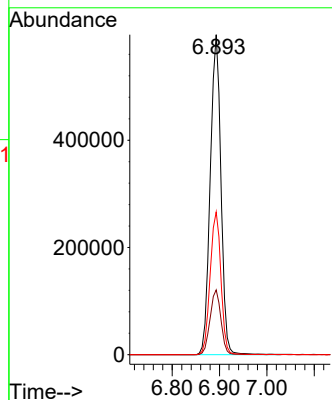
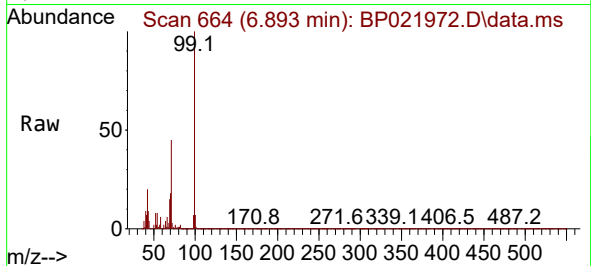




#7
Phenol-d6
Concen: 129.554 ng
RT: 6.893 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP021972.D
Acq: 20 Sep 2024 18:13

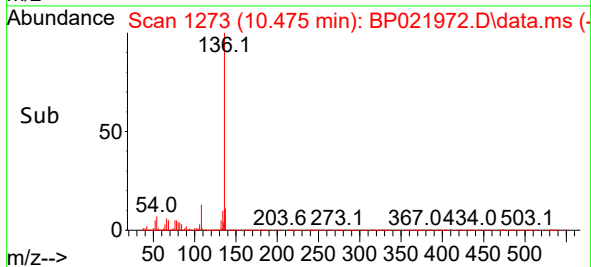
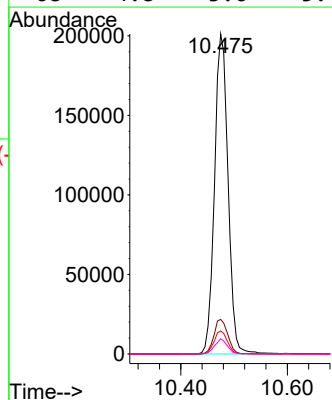
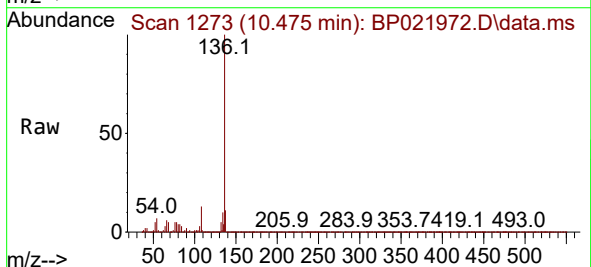
Instrument :
BNA_P
ClientSampleId :
PB163110BL

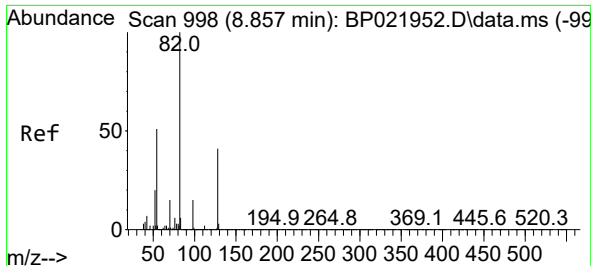
Tgt Ion: 99 Resp: 936678
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 44.6 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BP021972.D
Acq: 20 Sep 2024 18:13

Tgt Ion:136 Resp: 353857
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 5.5 8.3
68 4.8 3.6 5.4

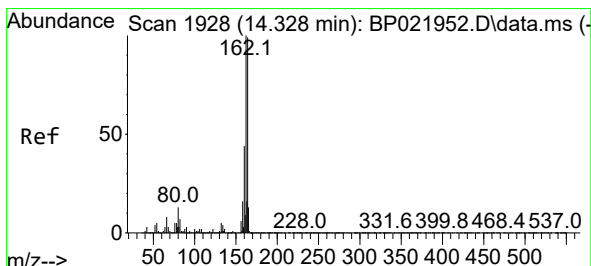
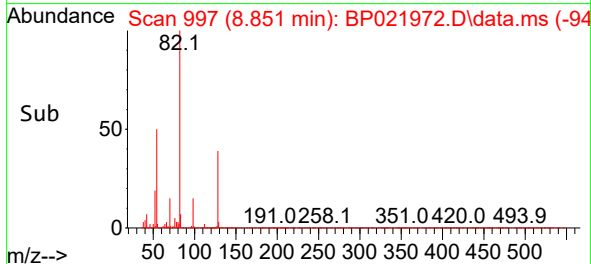
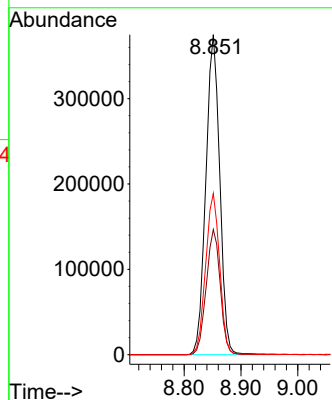
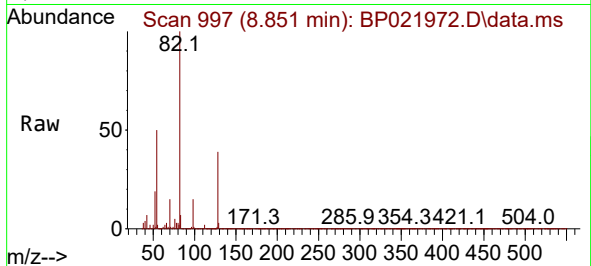




#23
Nitrobenzene-d5
Concen: 94.975 ng
RT: 8.851 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP021972.D
Acq: 20 Sep 2024 18:13

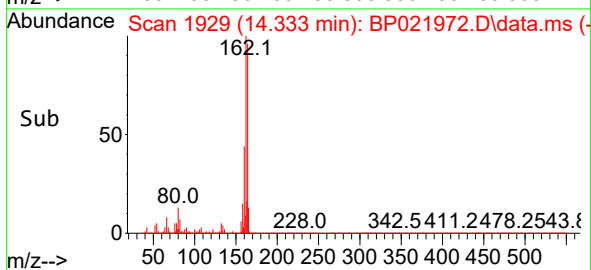
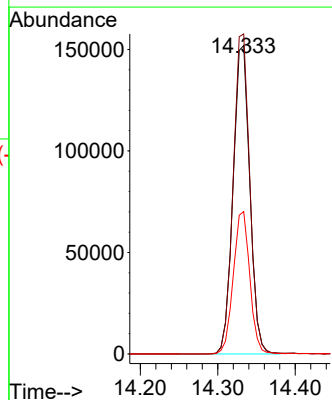
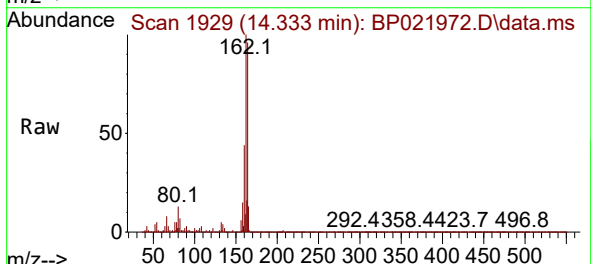
Instrument :
BNA_P
ClientSampleId :
PB163110BL

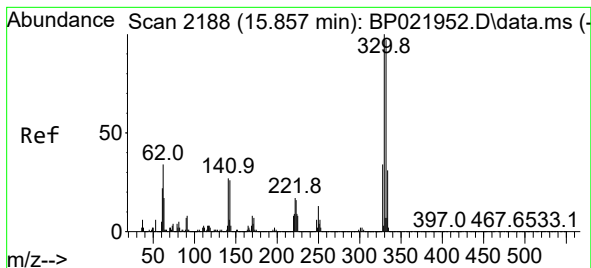
Tgt Ion: 82 Resp: 635147
Ion Ratio Lower Upper
82 100
128 39.1 33.1 49.7
54 50.4 40.3 60.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP021972.D
Acq: 20 Sep 2024 18:13

Tgt Ion:164 Resp: 228261
Ion Ratio Lower Upper
164 100
162 103.7 81.2 121.8
160 46.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 125.065 ng

RT: 15.833 min Scan# 2184

Delta R.T. -0.024 min

Lab File: BP021972.D

Acq: 20 Sep 2024 18:13

Instrument :

BNA_P

ClientSampleId :

PB163110BL

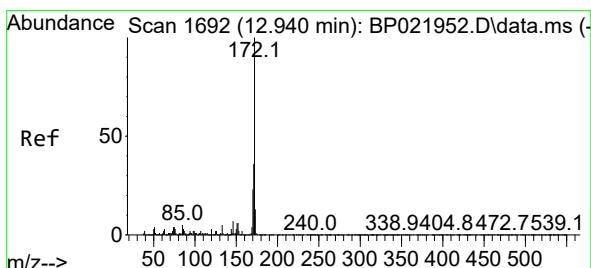
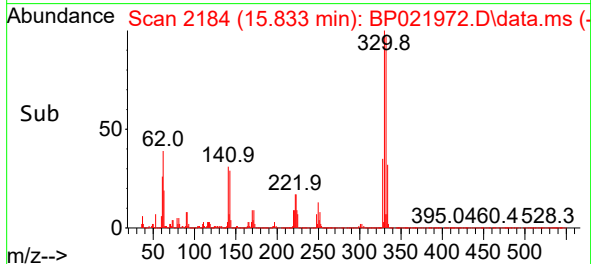
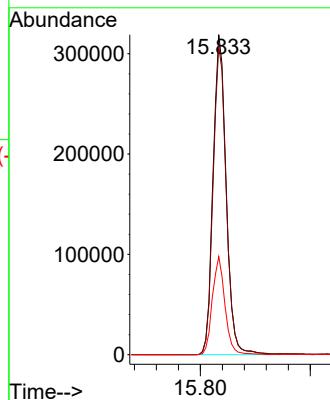
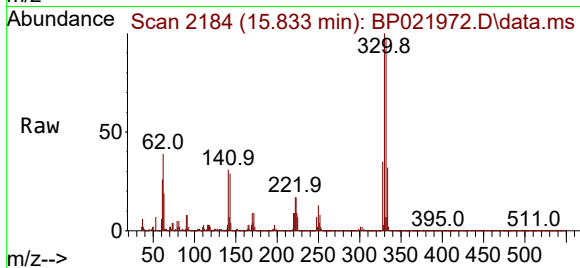
Tgt Ion:330 Resp: 529238

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

141 29.4 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 97.569 ng

RT: 12.939 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BP021972.D

Acq: 20 Sep 2024 18:13

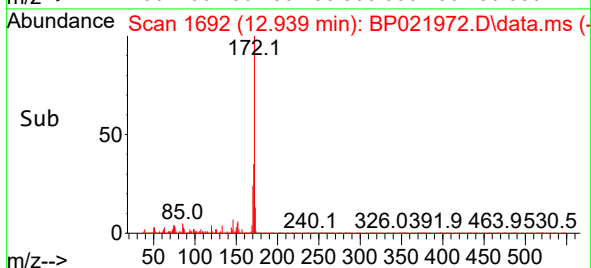
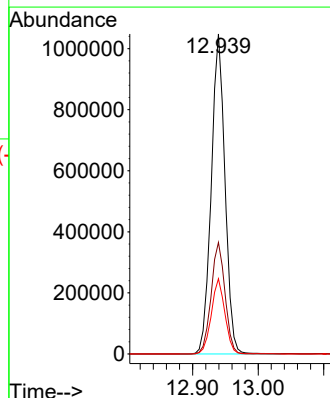
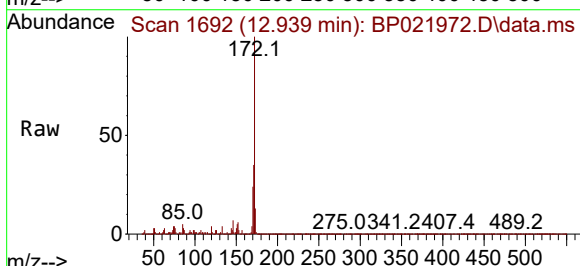
Tgt Ion:172 Resp: 1525661

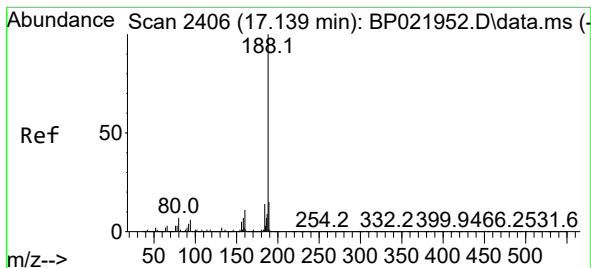
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.122 min Scan# 2406

Delta R.T. -0.018 min

Lab File: BP021972.D

Acq: 20 Sep 2024 18:13

Instrument :

BNA_P

ClientSampleId :

PB163110BL

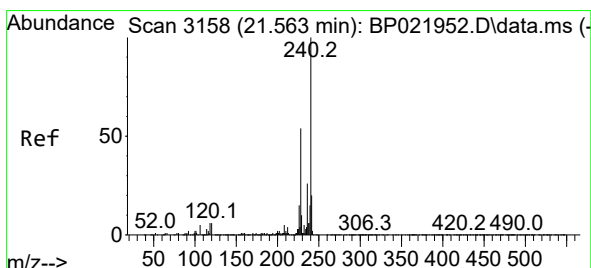
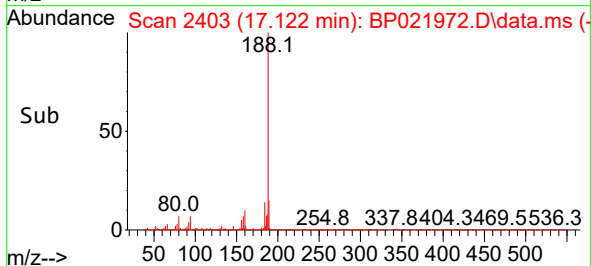
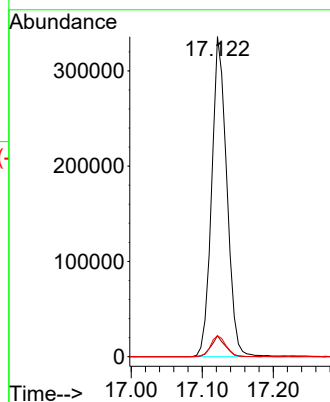
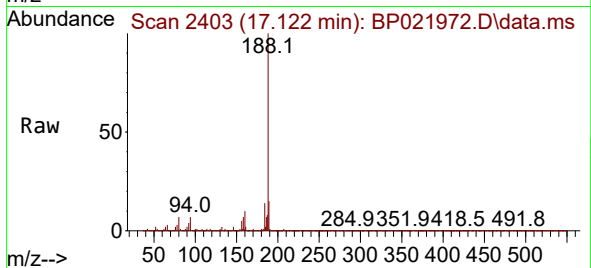
Tgt Ion:188 Resp: 496320

Ion Ratio Lower Upper

188 100

94 6.6 4.6 6.8

80 6.5 5.4 8.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.557 min Scan# 3157

Delta R.T. -0.006 min

Lab File: BP021972.D

Acq: 20 Sep 2024 18:13

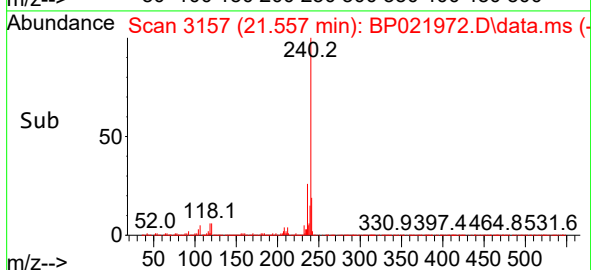
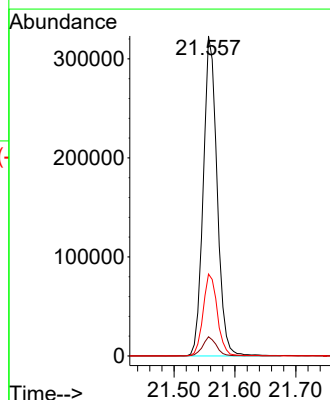
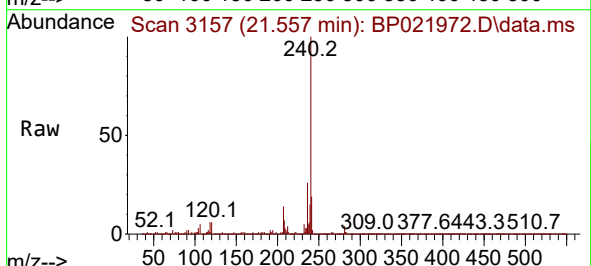
Tgt Ion:240 Resp: 510780

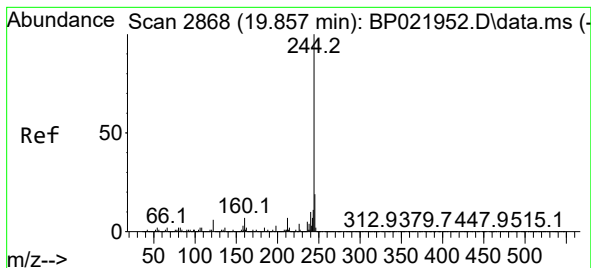
Ion Ratio Lower Upper

240 100

120 6.0 5.1 7.7

236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 103.417 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021972.D

Acq: 20 Sep 2024 18:13

Instrument :

BNA_P

ClientSampleId :

PB163110BL

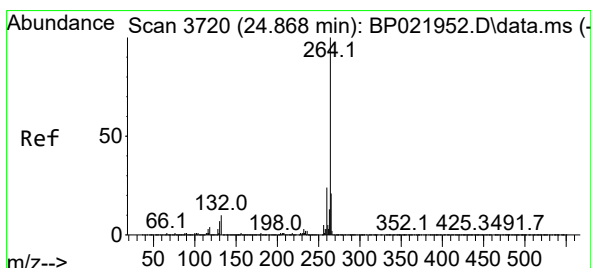
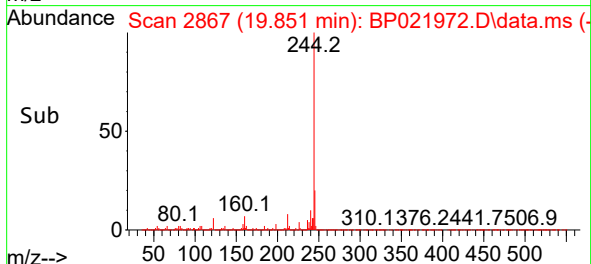
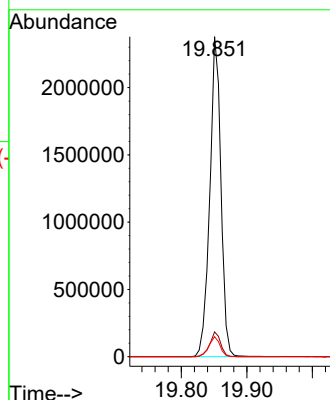
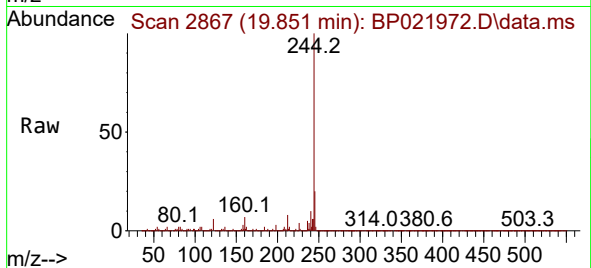
Tgt Ion:244 Resp: 2812027

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 6.3 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.851 min Scan# 3717

Delta R.T. -0.018 min

Lab File: BP021972.D

Acq: 20 Sep 2024 18:13

Tgt Ion:264 Resp: 583237

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 23.0 17.5 26.3

