

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021977.D
Acq On : 23 Sep 2024 11:09
Operator : RC/JU
Sample : PB163139BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB163139BL

Quant Time: Sep 23 11:40:06 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	74719	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	253893	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	170443	20.000	ng	0.00
64) Phenanthrene-d10	17.116	188	380108	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	434852	20.000	ng	#-0.01
86) Perylene-d12	24.839	264	535492	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	487019	122.491	ng	0.00
7) Phenol-d6	6.893	99	589392	114.190	ng	0.00
23) Nitrobenzene-d5	8.852	82	399997	83.363	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	339252	107.364	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	966303	82.759	ng	0.00
79) Terphenyl-d14	19.851	244	1980260	85.544	ng	0.00

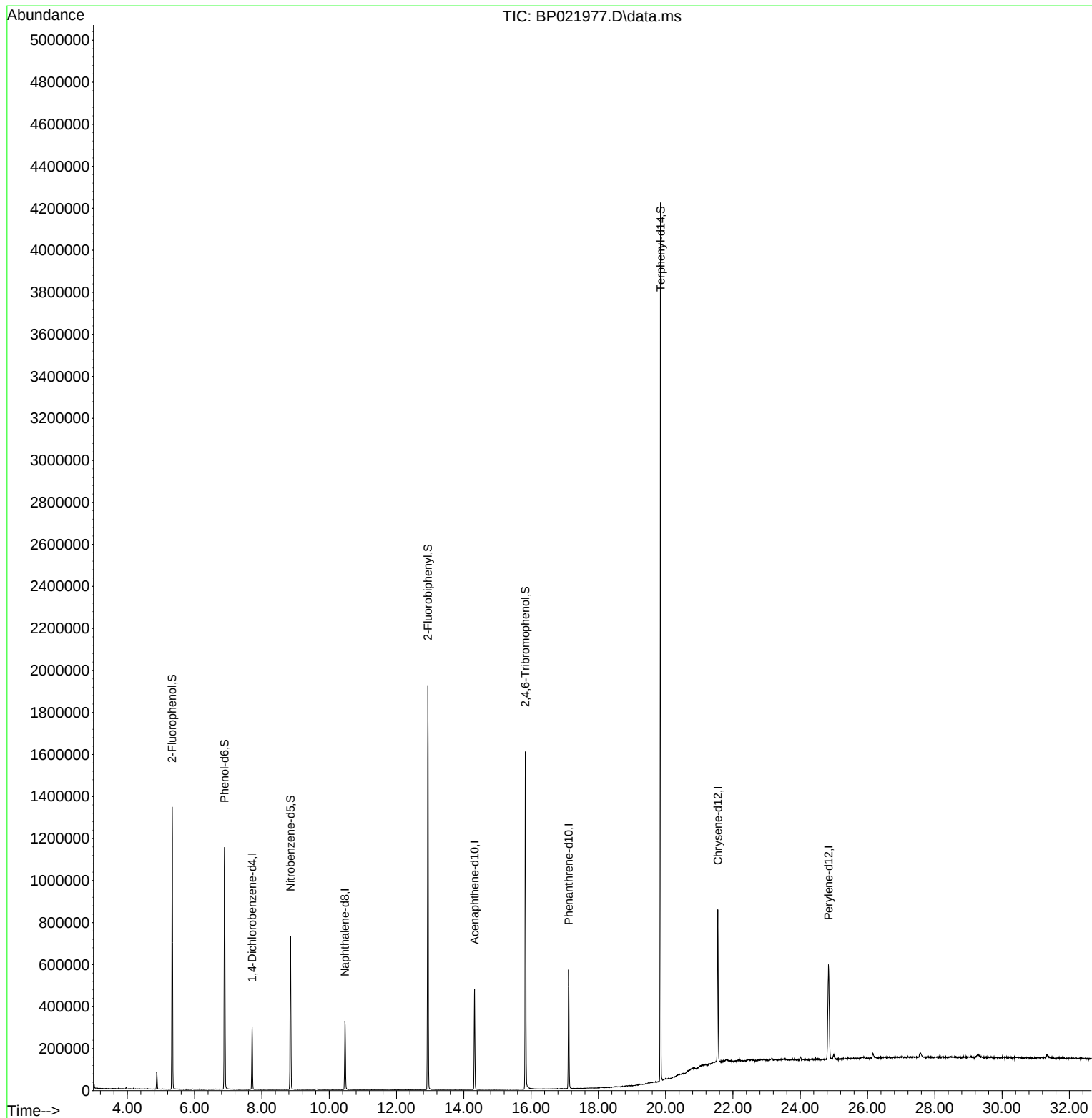
Target Compounds	Qvalue

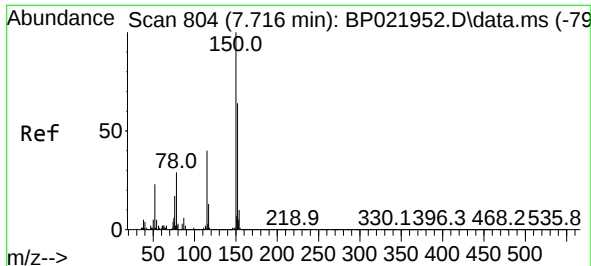
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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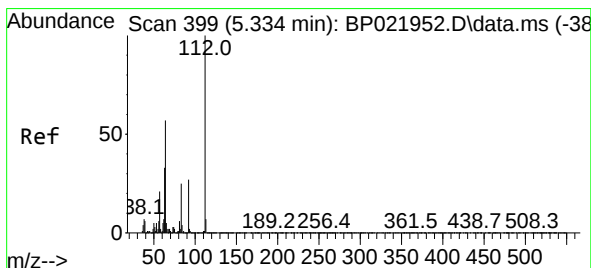
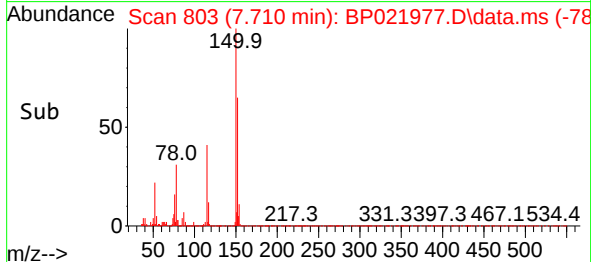
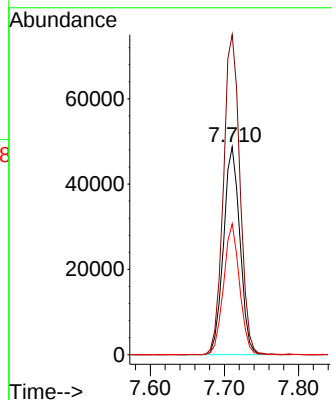
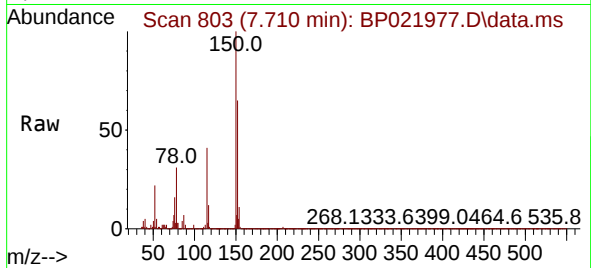




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021977.D
Acq: 23 Sep 2024 11:09

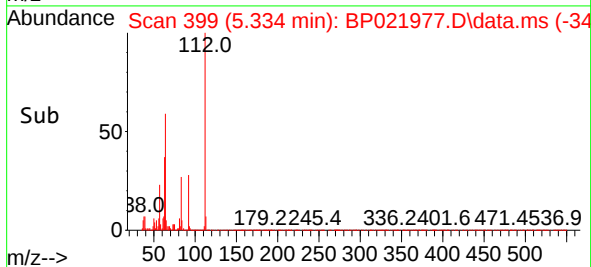
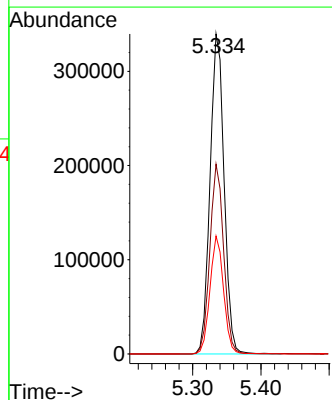
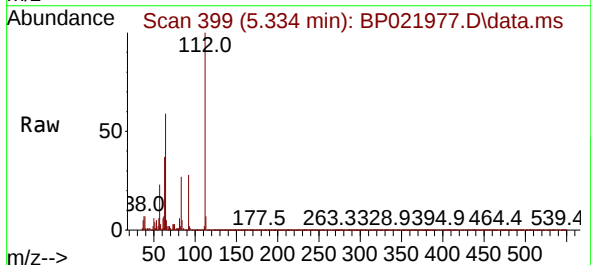
Instrument :
BNA_P
ClientSampleId :
PB163139BL

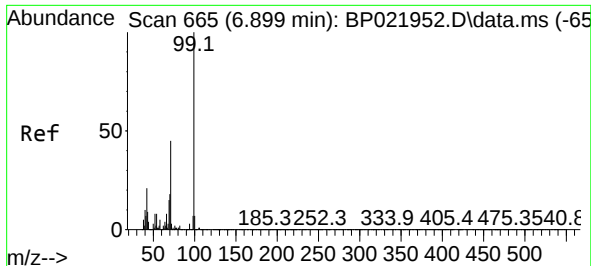
Tgt Ion:152 Resp: 74719
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.2
115 63.0 49.2 73.8



#5
2-Fluorophenol
Concen: 122.491 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021977.D
Acq: 23 Sep 2024 11:09

Tgt Ion:112 Resp: 487019
Ion Ratio Lower Upper
112 100
64 59.3 45.4 68.0
63 36.8 26.6 39.8

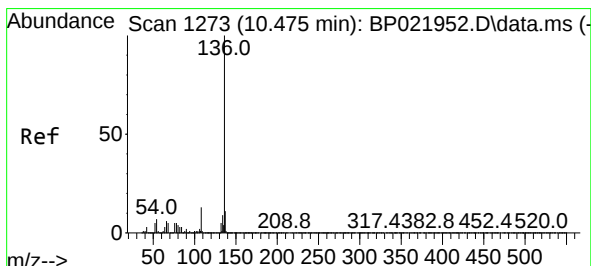
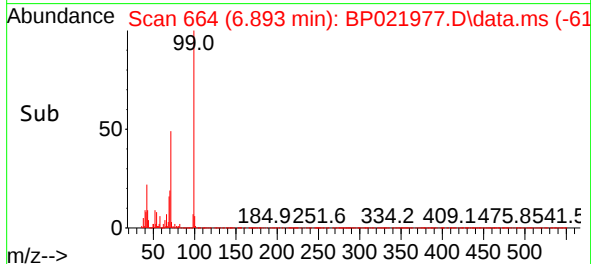
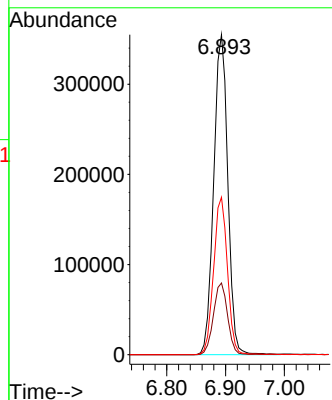
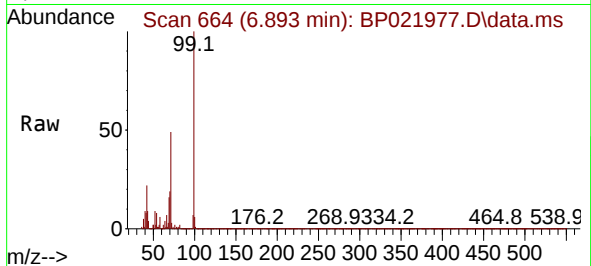




#7
Phenol-d6
Concen: 114.190 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021977.D
Acq: 23 Sep 2024 11:09

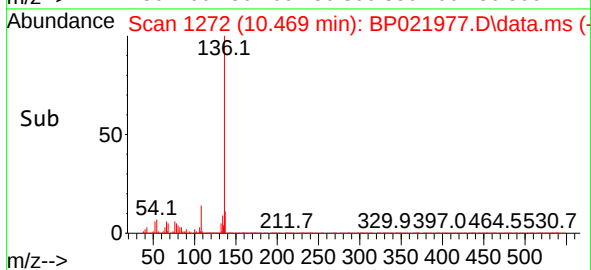
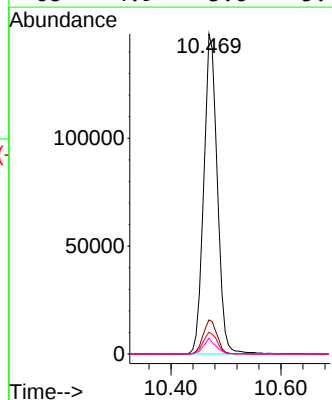
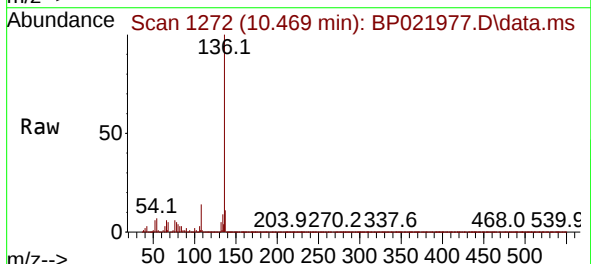
Instrument :
BNA_P
ClientSampleId :
PB163139BL

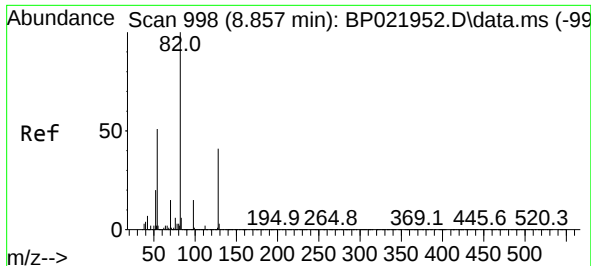
Tgt Ion: 99 Resp: 589392
Ion Ratio Lower Upper
99 100
42 22.4 16.8 25.2
71 49.2 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP021977.D
Acq: 23 Sep 2024 11:09

Tgt Ion:136 Resp: 253893
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.8 5.5 8.3
68 4.9 3.6 5.4

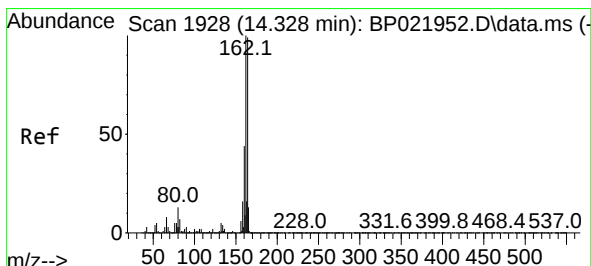
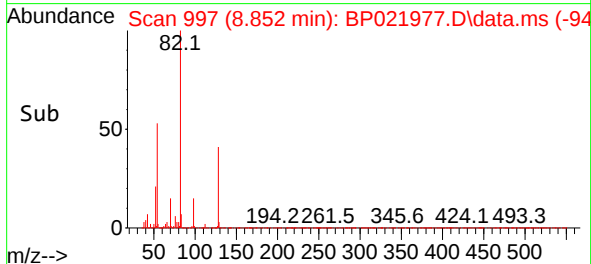
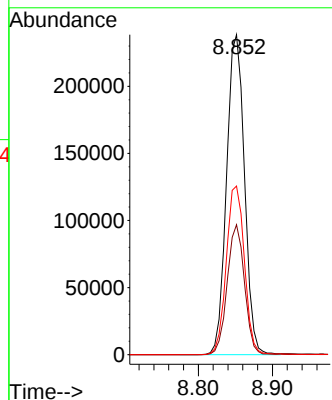
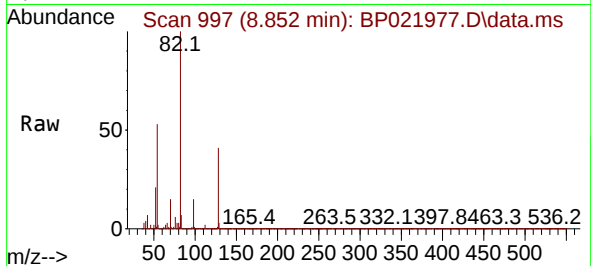




#23
Nitrobenzene-d5
Concen: 83.363 ng
RT: 8.852 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP021977.D
Acq: 23 Sep 2024 11:09

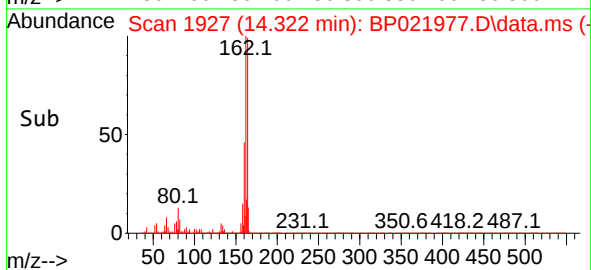
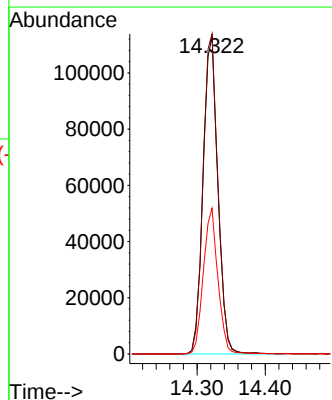
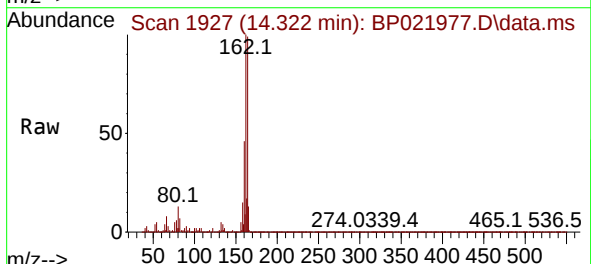
Instrument :
BNA_P
ClientSampleId :
PB163139BL

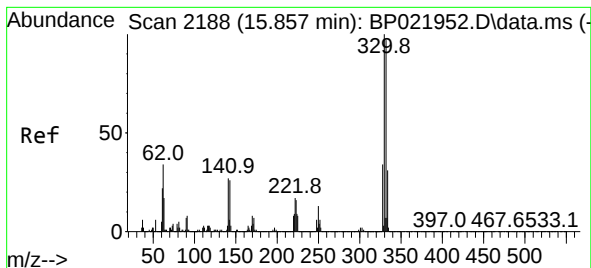
Tgt Ion: 82 Resp: 399997
Ion Ratio Lower Upper
82 100
128 40.6 33.1 49.7
54 52.7 40.3 60.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.322 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP021977.D
Acq: 23 Sep 2024 11:09

Tgt Ion:164 Resp: 170443
Ion Ratio Lower Upper
164 100
162 100.8 81.2 121.8
160 45.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 107.364 ng

RT: 15.834 min Scan# 2188

Delta R.T. -0.023 min

Lab File: BP021977.D

Acq: 23 Sep 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB163139BL

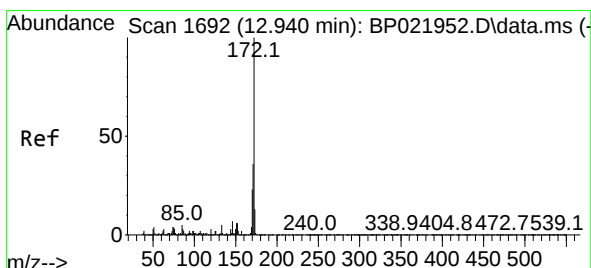
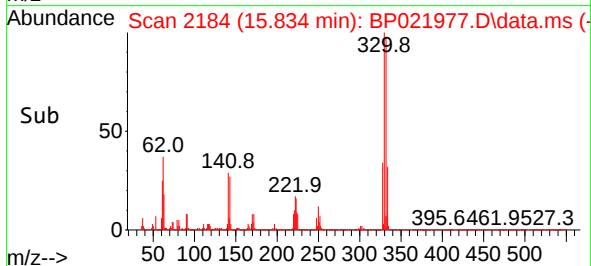
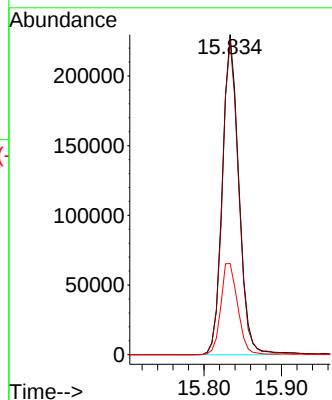
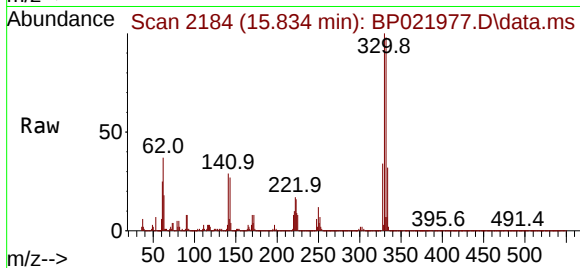
Tgt Ion:330 Resp: 339252

Ion Ratio Lower Upper

330 100

332 98.2 77.5 116.3

141 29.5 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 82.759 ng

RT: 12.934 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP021977.D

Acq: 23 Sep 2024 11:09

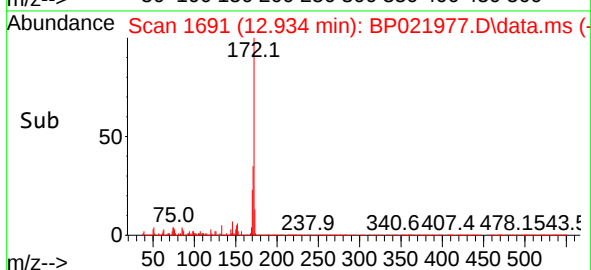
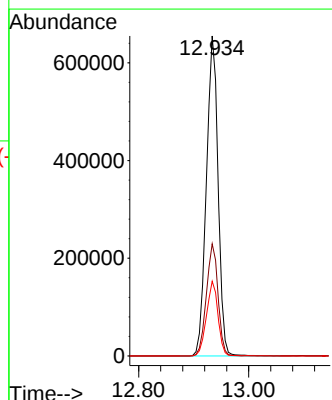
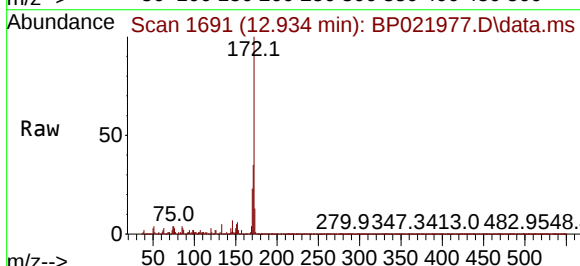
Tgt Ion:172 Resp: 966303

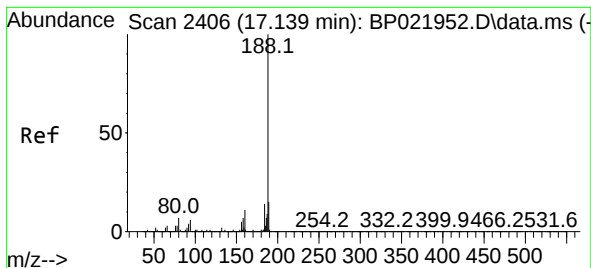
Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.116 min Scan# 2402

Delta R.T. -0.023 min

Lab File: BP021977.D

Acq: 23 Sep 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB163139BL

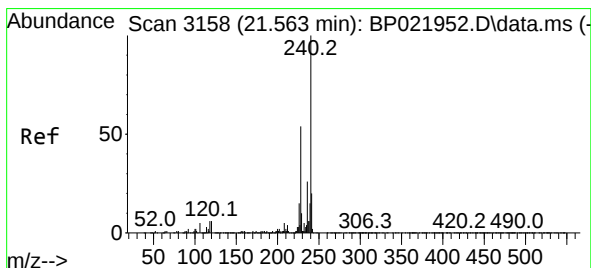
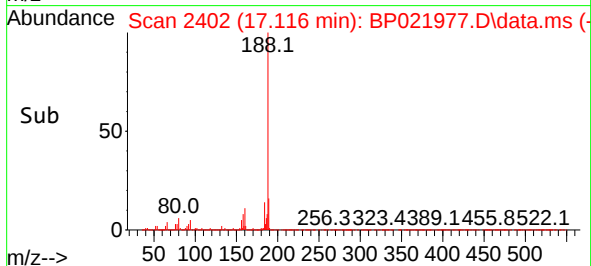
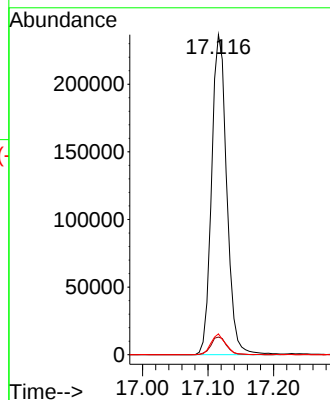
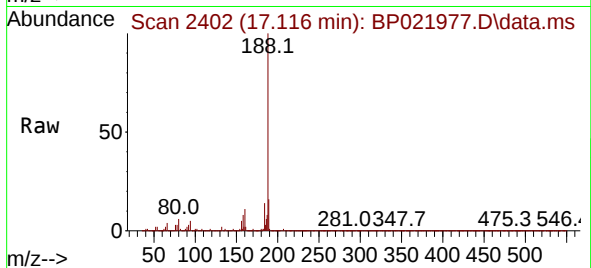
Tgt Ion:188 Resp: 380108

Ion Ratio Lower Upper

188 100

94 5.5 4.6 6.8

80 6.5 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: BP021977.D

Acq: 23 Sep 2024 11:09

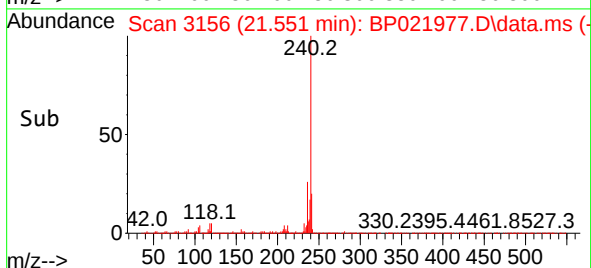
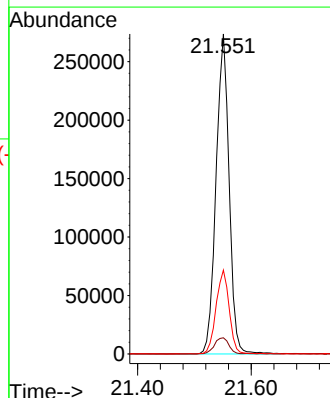
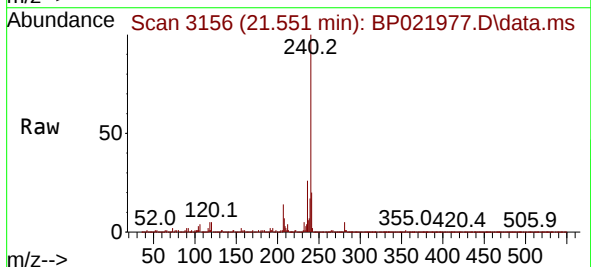
Tgt Ion:240 Resp: 434852

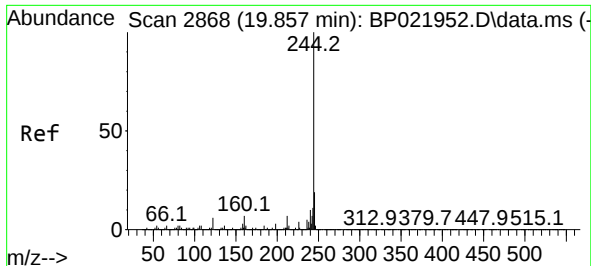
Ion Ratio Lower Upper

240 100

120 5.1 5.1 7.7#

236 26.2 20.7 31.1

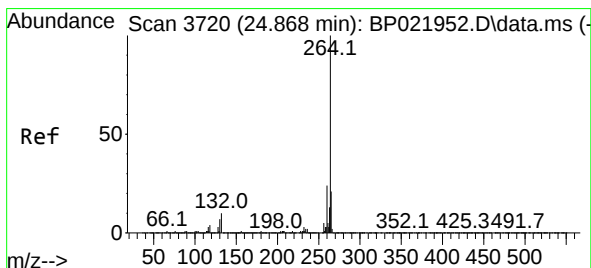
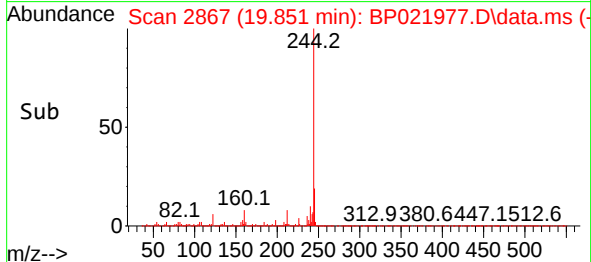
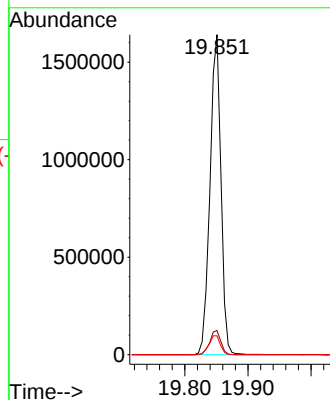
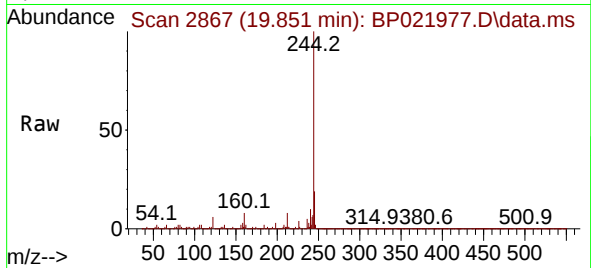




#79
Terphenyl-d14
Concen: 85.544 ng
RT: 19.851 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021977.D
Acq: 23 Sep 2024 11:09

Instrument :
BNA_P
ClientSampleId :
PB163139BL

Tgt Ion:244 Resp: 1980260
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 5.9 5.0 7.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 3715
Delta R.T. -0.029 min
Lab File: BP021977.D
Acq: 23 Sep 2024 11:09

Tgt Ion:264 Resp: 535492
Ion Ratio Lower Upper
264 100
260 23.1 18.9 28.3
265 21.4 17.5 26.3

