

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091624\
 Data File : BP021937.D
 Acq On : 16 Sep 2024 17:35
 Operator : RC/JU
 Sample : PB163076BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163076BL

Quant Time: Sep 16 18:09:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 17:00:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	247840	20.000	ng	-0.05
21) Naphthalene-d8	10.475	136	640886	20.000	ng	-0.04
39) Acenaphthene-d10	14.345	164	612448	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1343596	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1392486	20.000	ng	0.01
86) Perylene-d12	24.898	264	1501306	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1787558	130.162	ng	-0.05
7) Phenol-d6	6.881	99	1900003	112.889	ng	-0.05
23) Nitrobenzene-d5	8.846	82	1436286	122.958	ng	-0.04
42) 2,4,6-Tribromophenol	15.851	330	932990	116.014	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	3361390	83.639	ng	-0.02
79) Terphenyl-d14	19.875	244	5925050	84.049	ng	0.01

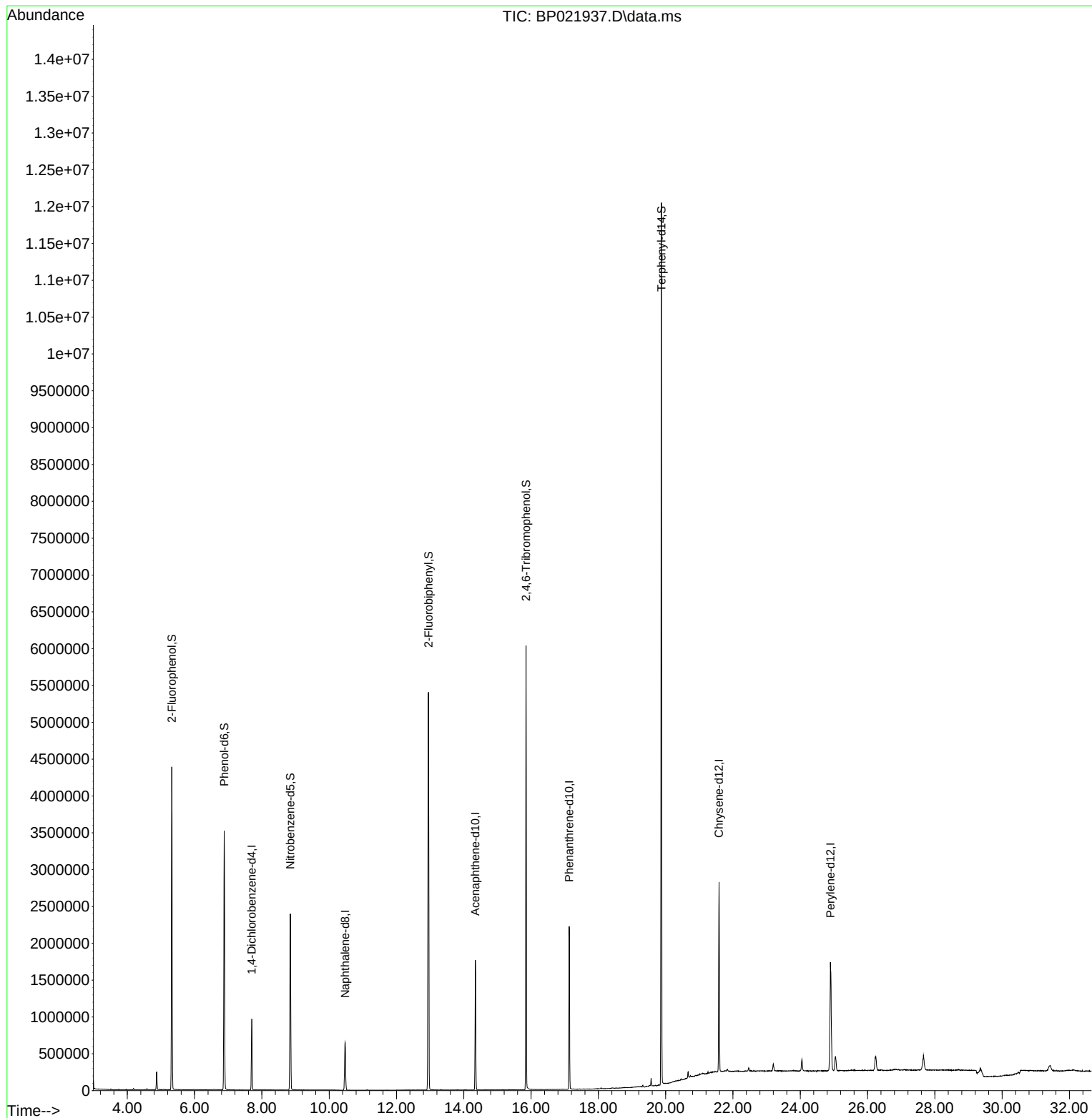
Target Compounds	Qvalue

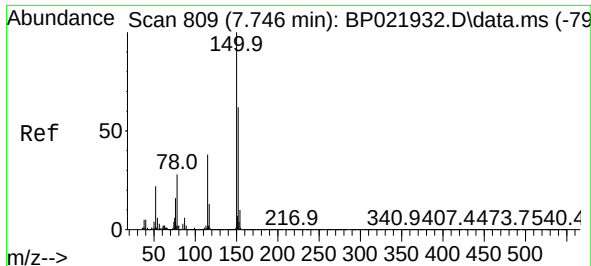
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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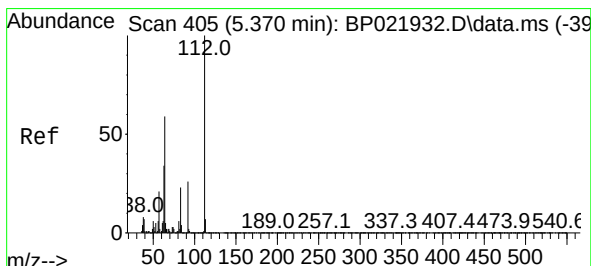
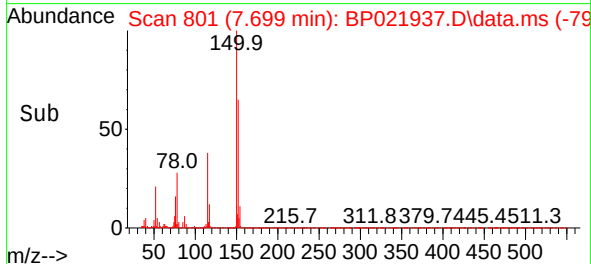
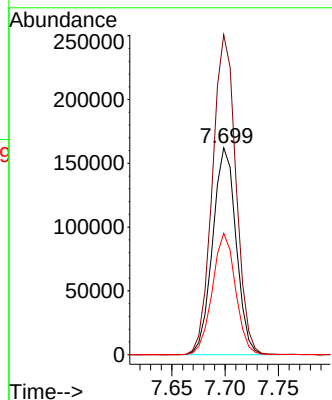
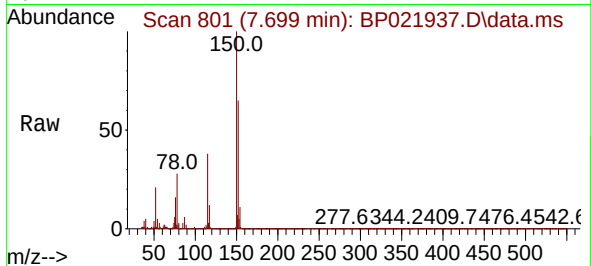




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 80
Delta R.T. -0.047 min
Lab File: BP021937.D
Acq: 16 Sep 2024 17:35

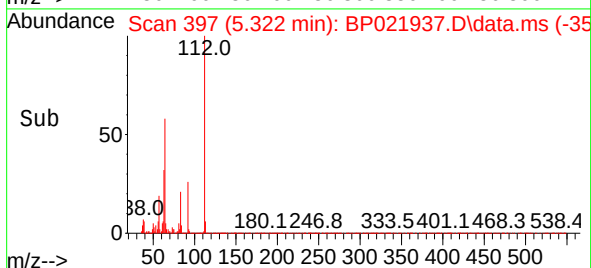
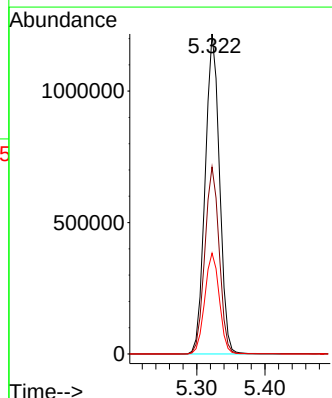
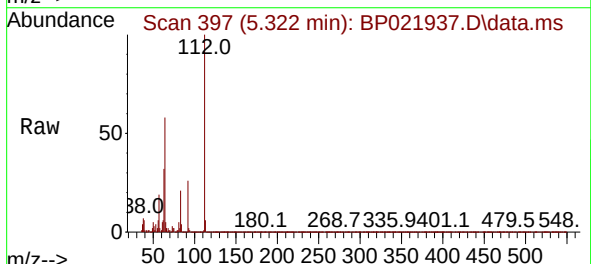
Instrument :
BNA_P
ClientSampleId :
PB163076BL

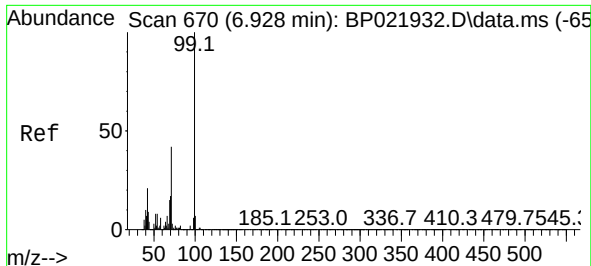
Tgt Ion:152 Resp: 247840
Ion Ratio Lower Upper
152 100
150 154.7 128.4 192.6
115 58.7 49.0 73.4



#5
2-Fluorophenol
Concen: 130.162 ng
RT: 5.322 min Scan# 397
Delta R.T. -0.047 min
Lab File: BP021937.D
Acq: 16 Sep 2024 17:35

Tgt Ion:112 Resp: 1787558
Ion Ratio Lower Upper
112 100
64 58.4 47.0 70.4
63 31.5 26.9 40.3

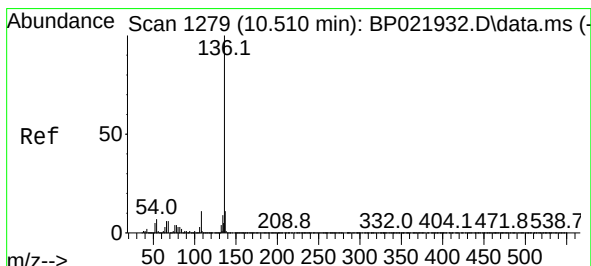
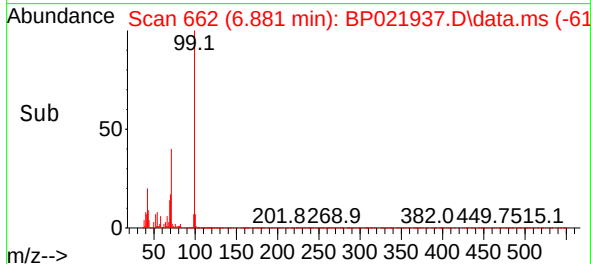
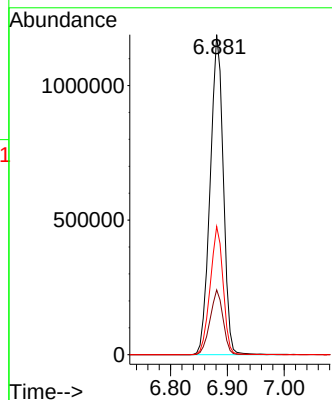
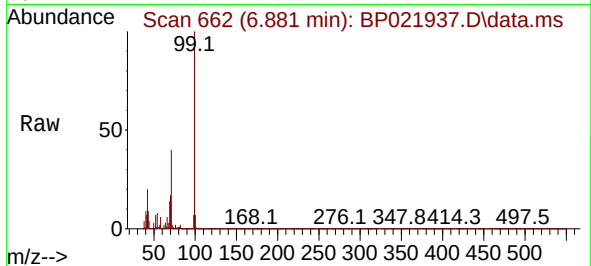




#7
Phenol-d6
Concen: 112.889 ng
RT: 6.881 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP021937.D
Acq: 16 Sep 2024 17:35

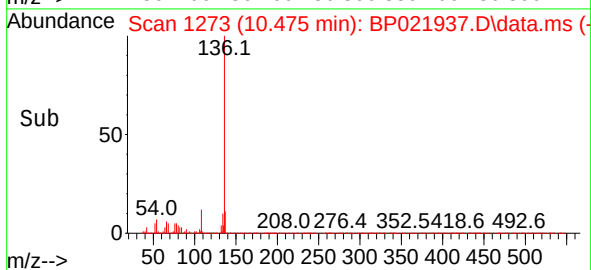
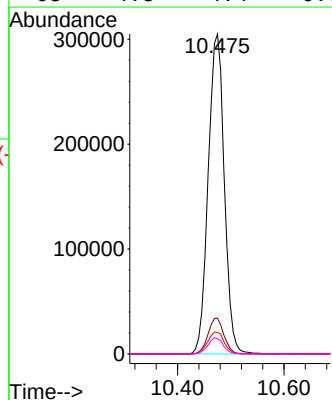
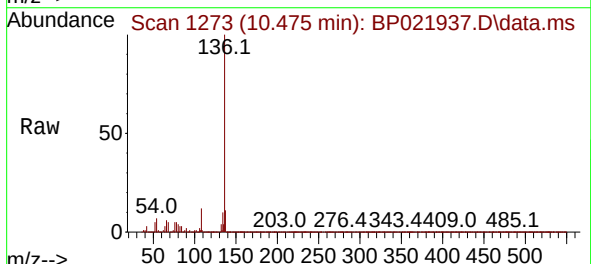
Instrument :
BNA_P
ClientSampleId :
PB163076BL

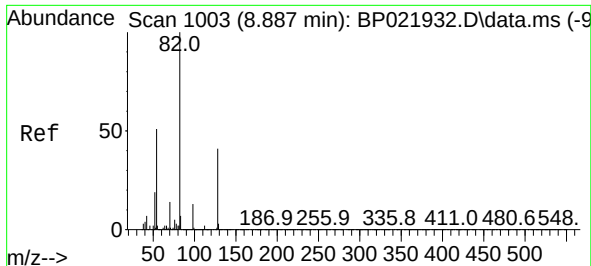
Tgt Ion: 99 Resp: 1900003
Ion Ratio Lower Upper
99 100
42 20.3 16.5 24.7
71 40.0 33.3 49.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. -0.035 min
Lab File: BP021937.D
Acq: 16 Sep 2024 17:35

Tgt Ion: 136 Resp: 640886
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.8 5.8 8.8
68 4.8 4.4 6.6





#23

Nitrobenzene-d5

Concen: 122.958 ng

RT: 8.846 min Scan# 90

Delta R.T. -0.041 min

Lab File: BP021937.D

Acq: 16 Sep 2024 17:35

Instrument :

BNA_P

ClientSampleId :

PB163076BL

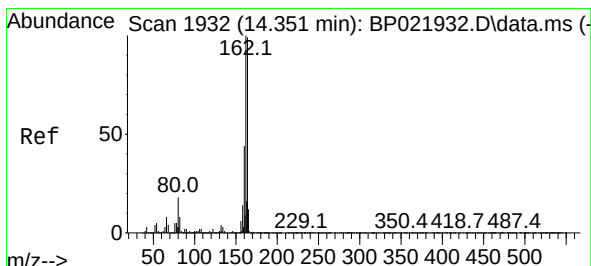
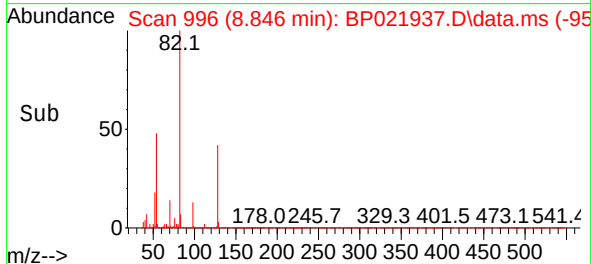
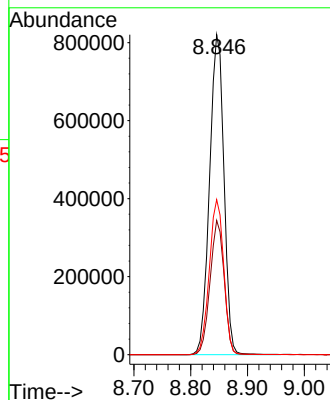
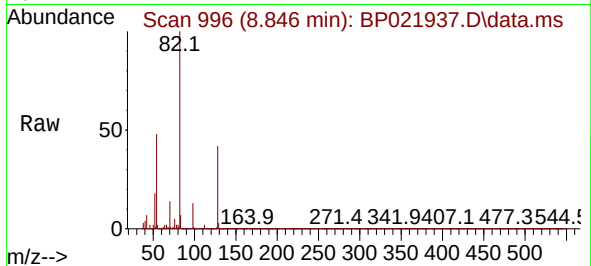
Tgt Ion: 82 Resp: 1436286

Ion Ratio Lower Upper

82 100

128 41.9 33.0 49.4

54 48.4 40.5 60.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.345 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BP021937.D

Acq: 16 Sep 2024 17:35

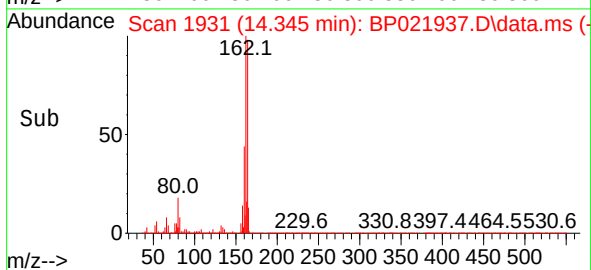
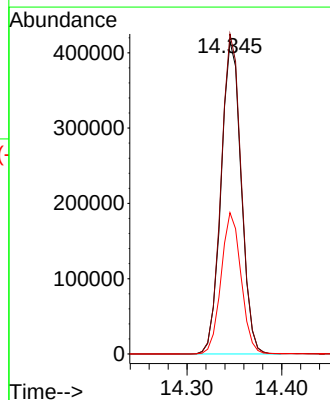
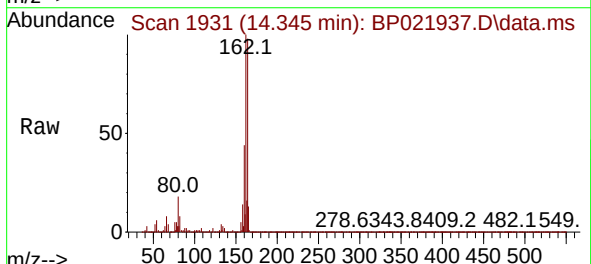
Tgt Ion:164 Resp: 612448

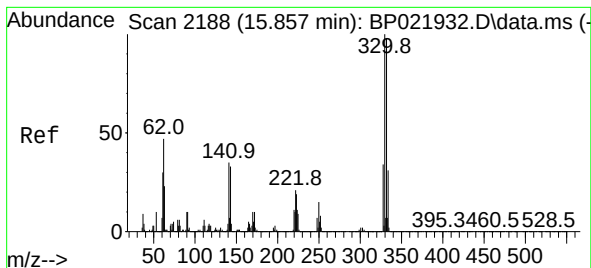
Ion Ratio Lower Upper

164 100

162 102.4 80.5 120.7

160 45.2 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 116.014 ng

RT: 15.851 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BP021937.D

Acq: 16 Sep 2024 17:35

Instrument :

BNA_P

ClientSampleId :

PB163076BL

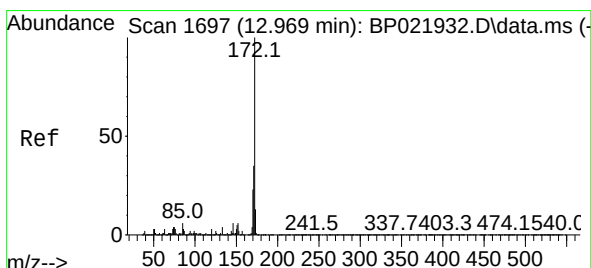
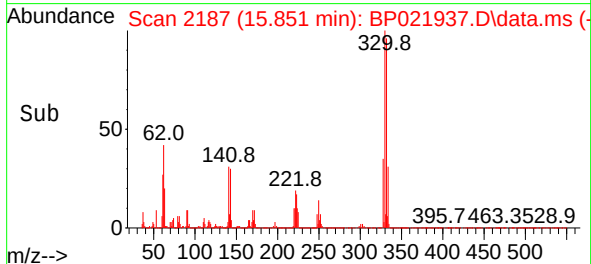
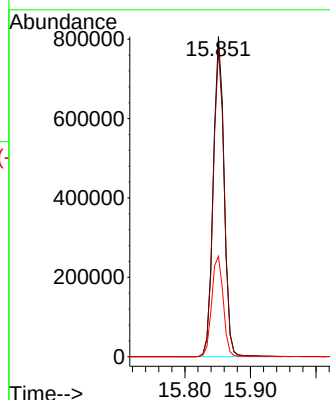
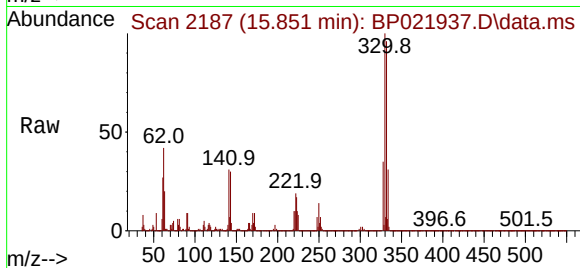
Tgt Ion:330 Resp: 932990

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

141 33.3 27.4 41.2



#45

2-Fluorobiphenyl

Concen: 83.639 ng

RT: 12.951 min Scan# 1694

Delta R.T. -0.018 min

Lab File: BP021937.D

Acq: 16 Sep 2024 17:35

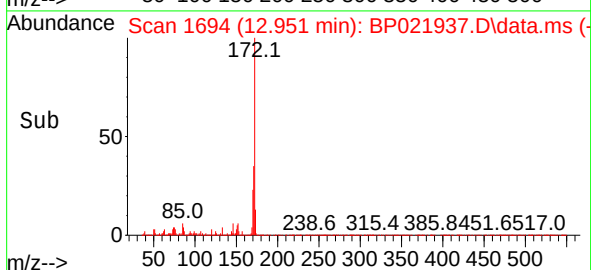
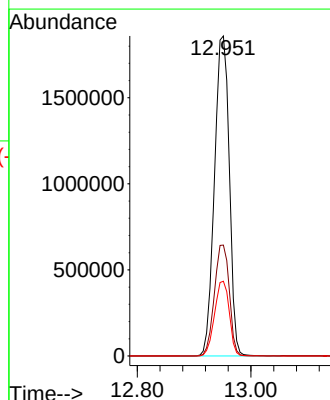
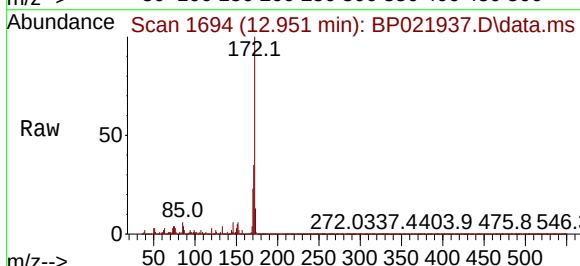
Tgt Ion:172 Resp: 3361390

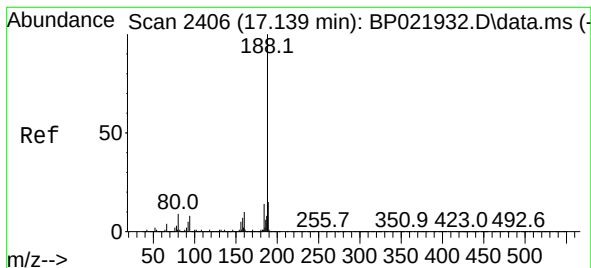
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.133 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BP021937.D

Acq: 16 Sep 2024 17:35

Instrument :

BNA_P

ClientSampleId :

PB163076BL

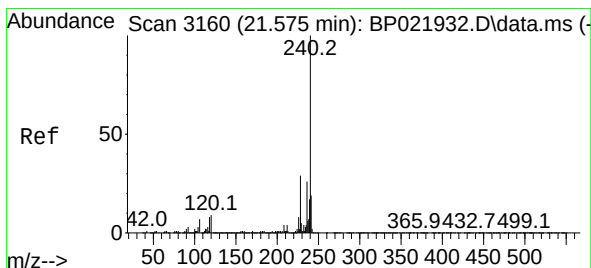
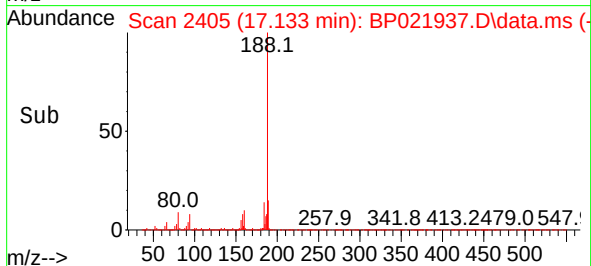
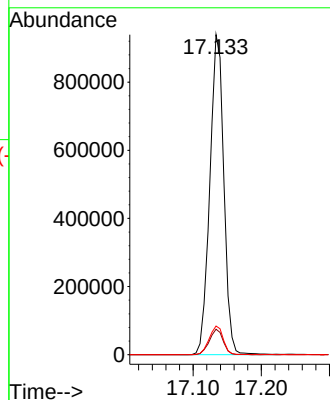
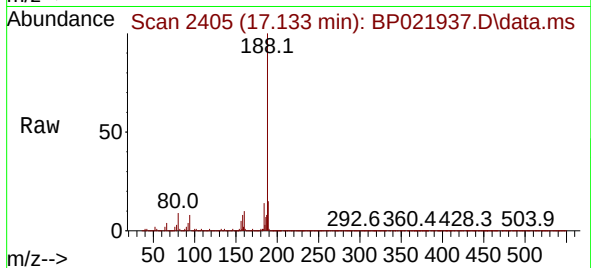
Tgt Ion:188 Resp: 1343596

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

80 9.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3162

Delta R.T. 0.012 min

Lab File: BP021937.D

Acq: 16 Sep 2024 17:35

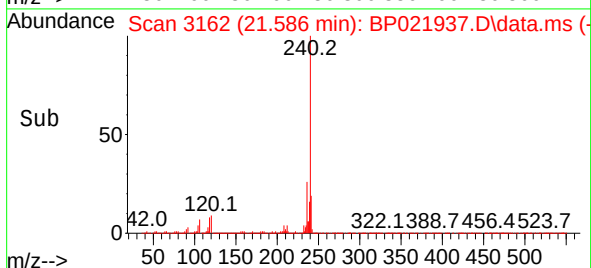
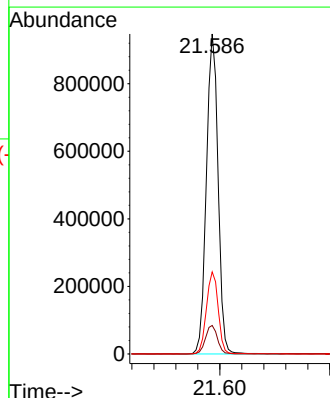
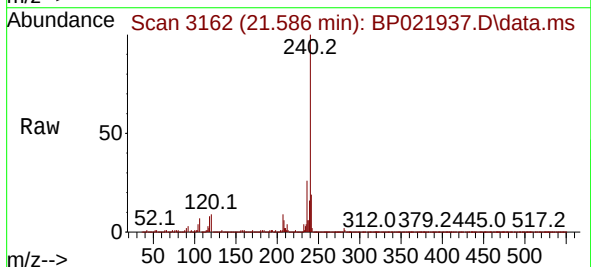
Tgt Ion:240 Resp: 1392486

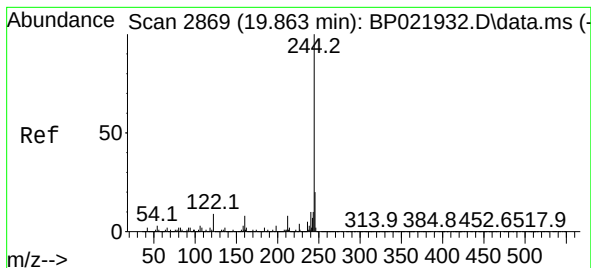
Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 84.049 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021937.D

Acq: 16 Sep 2024 17:35

Instrument :

BNA_P

ClientSampleId :

PB163076BL

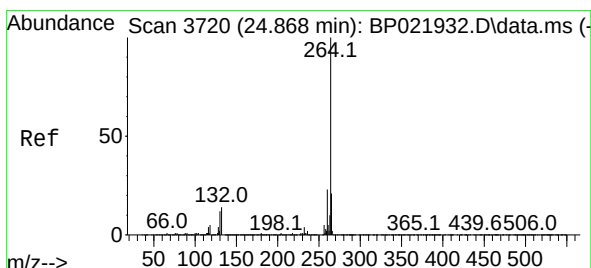
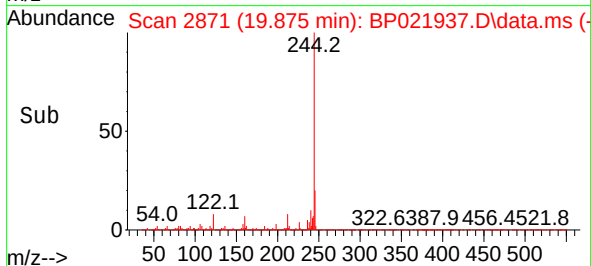
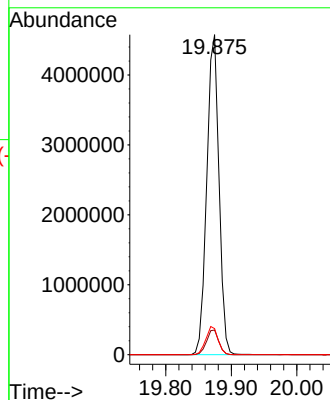
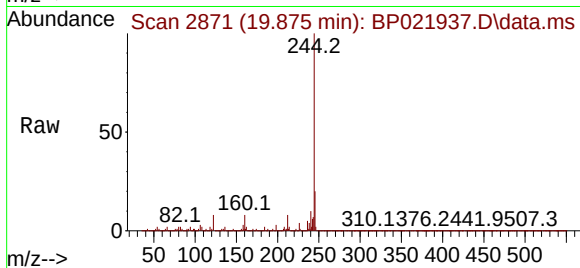
Tgt Ion:244 Resp: 5925050

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 8.2 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.898 min Scan# 3725

Delta R.T. 0.029 min

Lab File: BP021937.D

Acq: 16 Sep 2024 17:35

Tgt Ion:264 Resp: 1501306

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 22.1 17.4 26.2

