

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020555.D
Acq On : 07 Jun 2024 11:00
Operator : MA/JU
Sample : PB161329BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB161329BL

Quant Time: Jun 07 11:59:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	301125	20.000	ng	-0.01
21) Naphthalene-d8	10.528	136	1100744	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	618511	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1123315	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1132006	20.000	ng	-0.01
86) Perylene-d12	25.021	264	1454345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2226265	132.371	ng	0.00
7) Phenol-d6	6.934	99	2715378	114.485	ng	0.00
23) Nitrobenzene-d5	8.905	82	1705682	84.824	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	927338	144.469	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	3684731	88.809	ng	-0.01
79) Terphenyl-d14	19.933	244	4843438	71.227	ng	-0.01

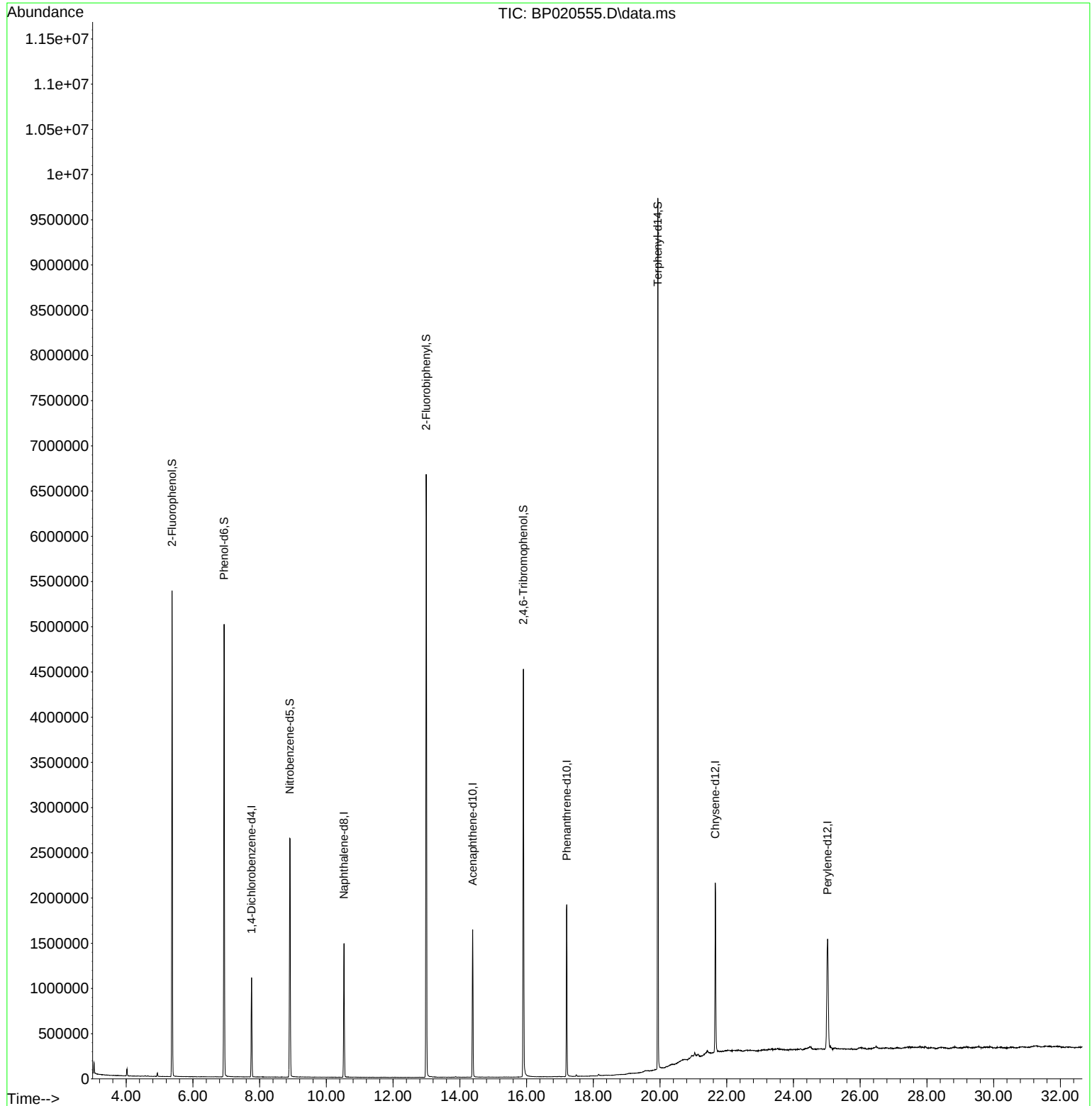
Target Compounds	Qvalue

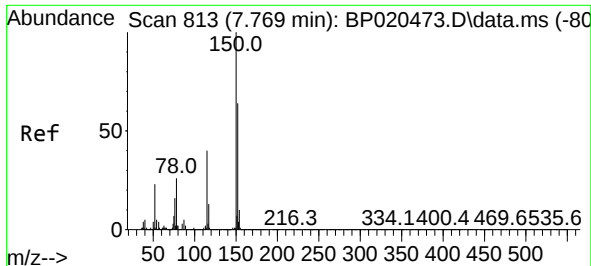
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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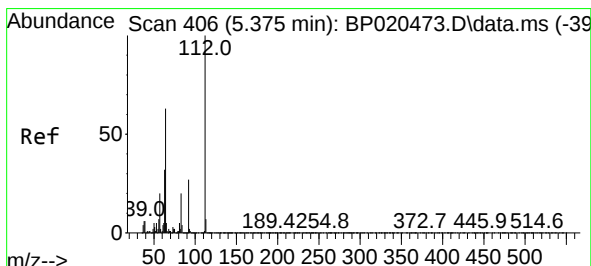
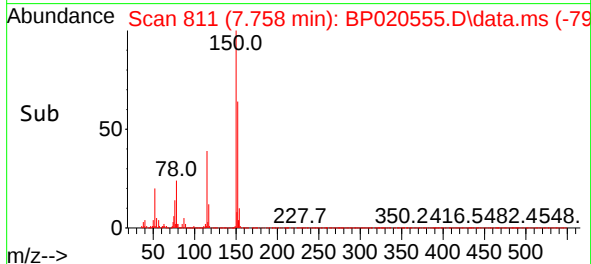
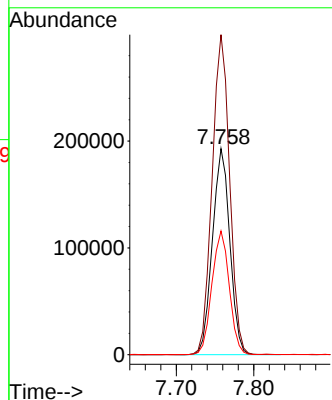
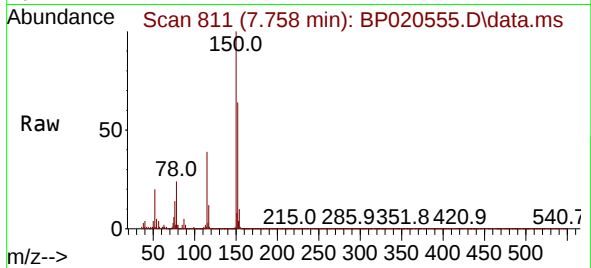




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 813
Delta R.T. -0.011 min
Lab File: BP020555.D
Acq: 07 Jun 2024 11:00

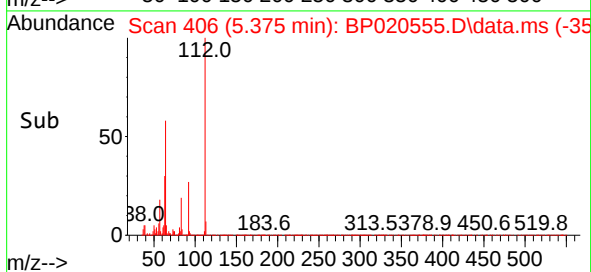
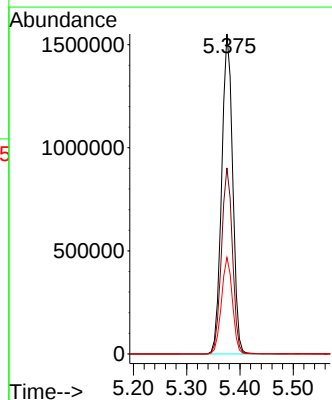
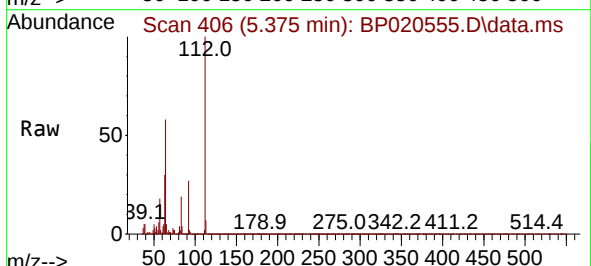
Instrument :
BNA_P
ClientSampleId :
PB161329BL

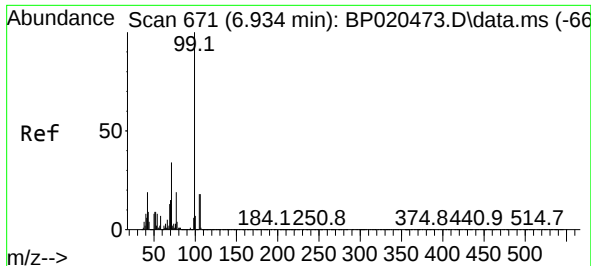
Tgt Ion:152 Resp: 301125
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 60.0 49.5 74.3



#5
2-Fluorophenol
Concen: 132.371 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020555.D
Acq: 07 Jun 2024 11:00

Tgt Ion:112 Resp: 2226265
Ion Ratio Lower Upper
112 100
64 58.2 50.1 75.1
63 30.2 25.7 38.5

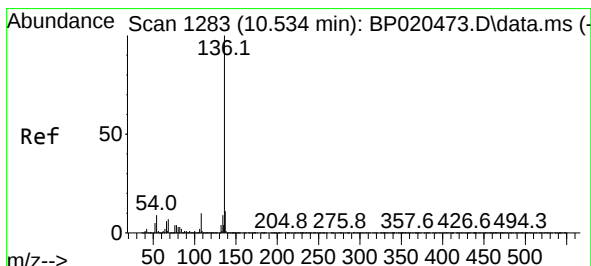
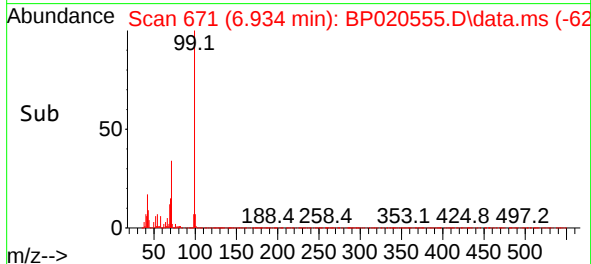
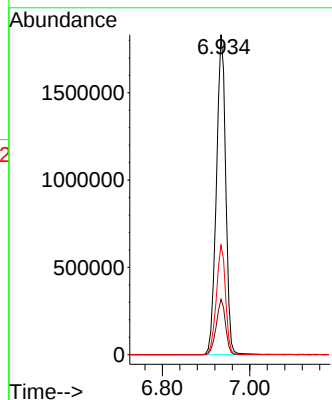
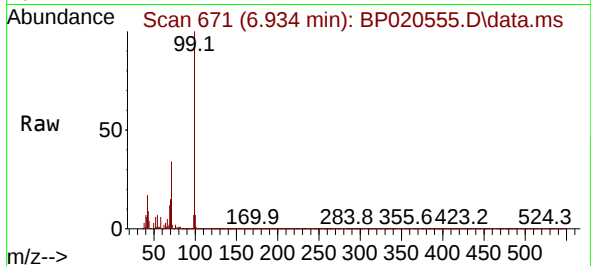




#7
Phenol-d6
Concen: 114.485 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020555.D
Acq: 07 Jun 2024 11:00

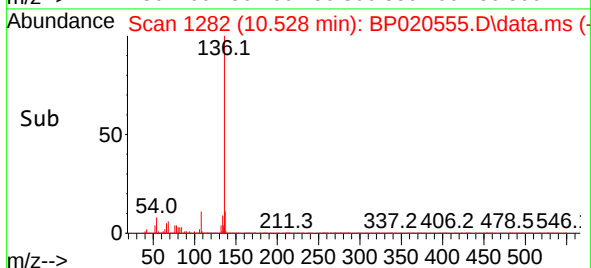
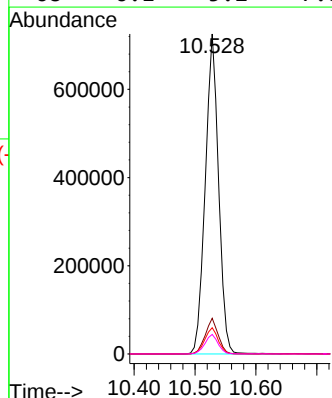
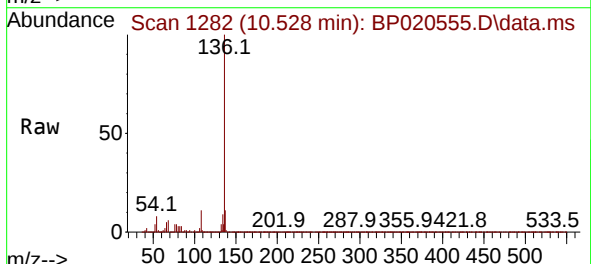
Instrument :
BNA_P
ClientSampleId :
PB161329BL

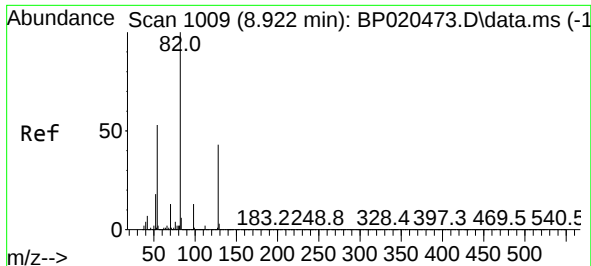
Tgt Ion: 99 Resp: 2715378
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 34.2 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020555.D
Acq: 07 Jun 2024 11:00

Tgt Ion:136 Resp: 1100744
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.2 7.4 11.0
68 6.1 5.2 7.8

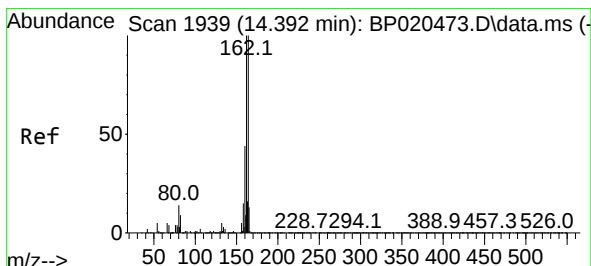
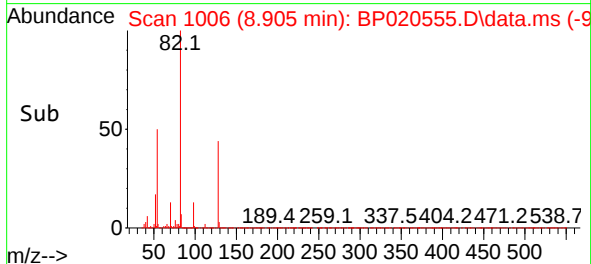
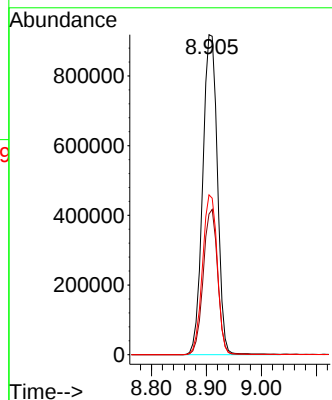
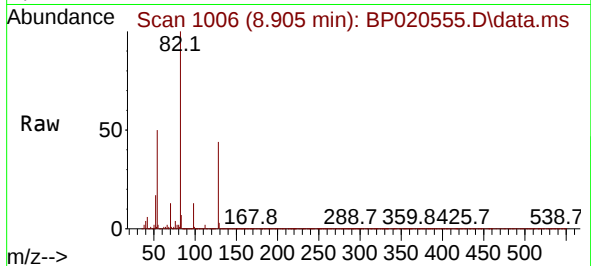




#23
Nitrobenzene-d5
Concen: 84.824 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020555.D
Acq: 07 Jun 2024 11:00

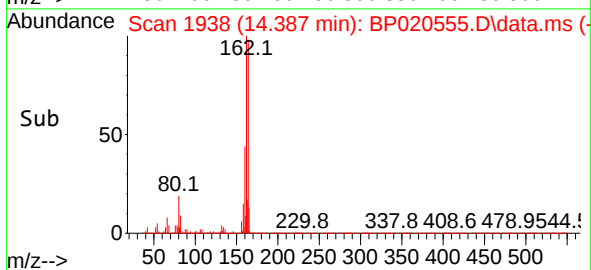
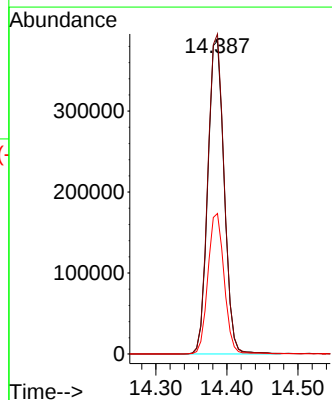
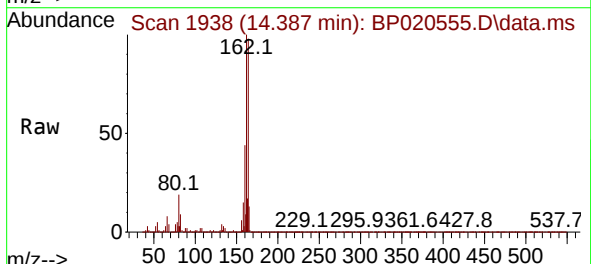
Instrument :
BNA_P
ClientSampleId :
PB161329BL

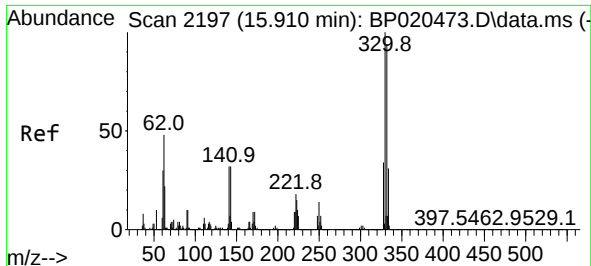
Tgt Ion: 82 Resp: 1705682
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 49.9 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020555.D
Acq: 07 Jun 2024 11:00

Tgt Ion:164 Resp: 618511
Ion Ratio Lower Upper
164 100
162 102.2 80.3 120.5
160 44.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 144.469 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020555.D

Acq: 07 Jun 2024 11:00

Instrument :

BNA_P

ClientSampleId :

PB161329BL

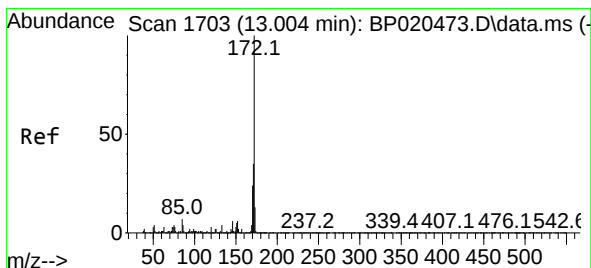
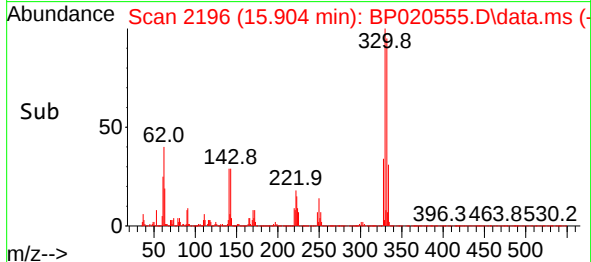
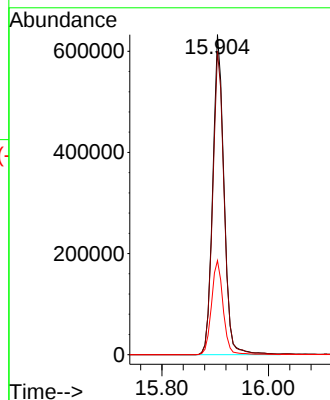
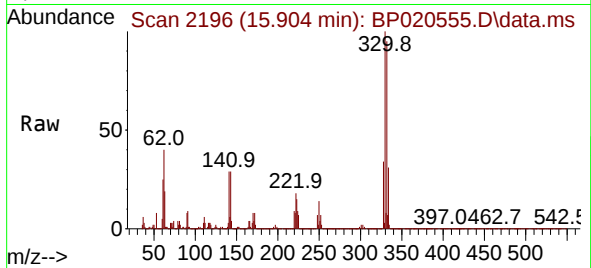
Tgt Ion:330 Resp: 927338

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

141 30.4 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 88.809 ng

RT: 12.993 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP020555.D

Acq: 07 Jun 2024 11:00

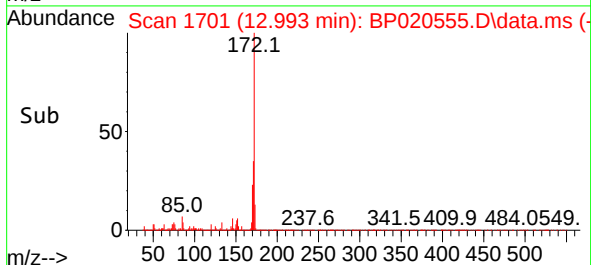
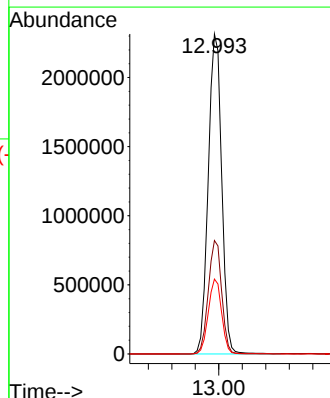
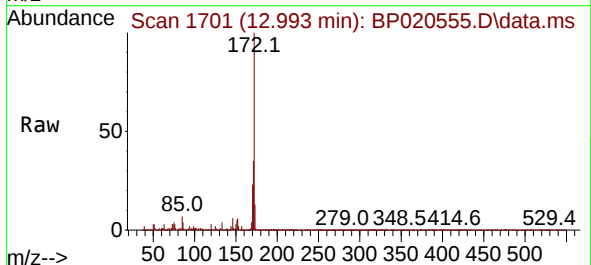
Tgt Ion:172 Resp: 3684731

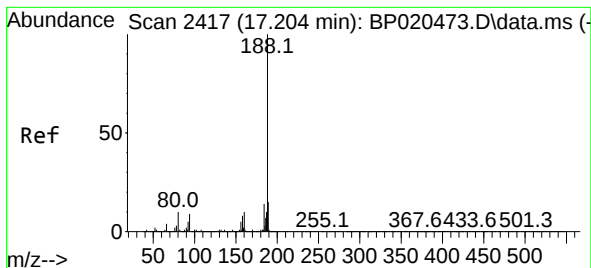
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP020555.D

Acq: 07 Jun 2024 11:00

Instrument :

BNA_P

ClientSampleId :

PB161329BL

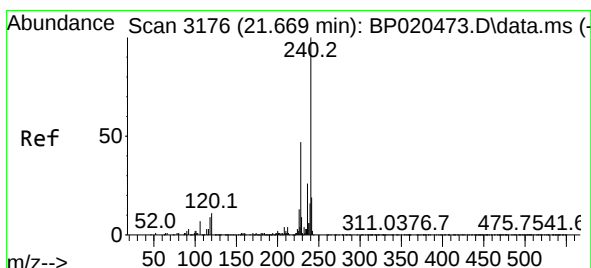
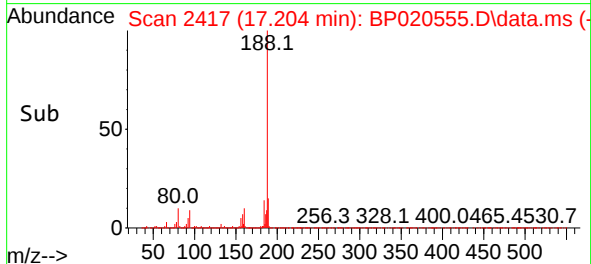
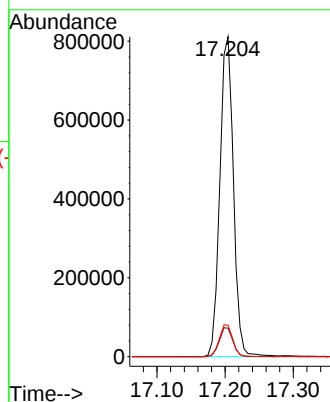
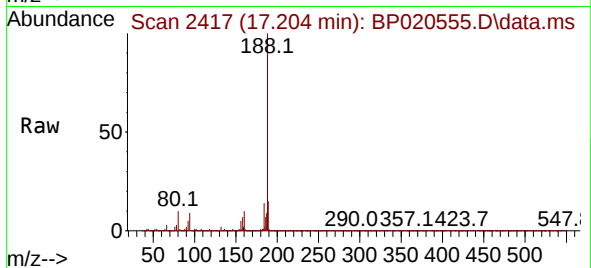
Tgt Ion:188 Resp: 1123315

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

80 9.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.657 min Scan# 3174

Delta R.T. -0.012 min

Lab File: BP020555.D

Acq: 07 Jun 2024 11:00

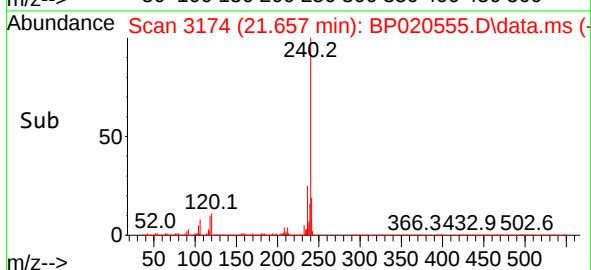
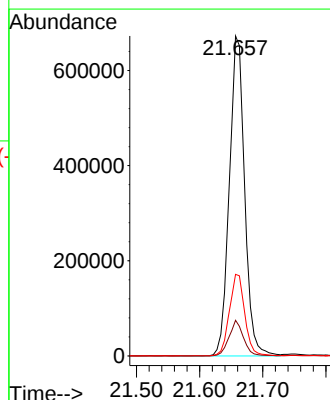
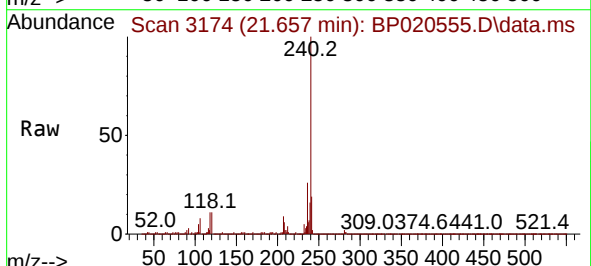
Tgt Ion:240 Resp: 1132006

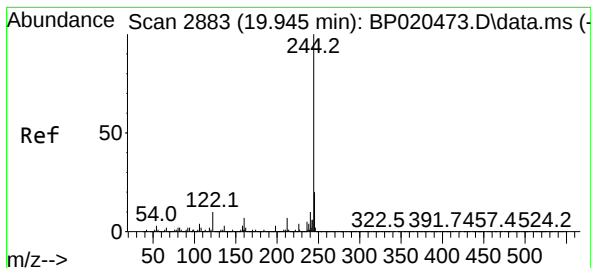
Ion Ratio Lower Upper

240 100

120 11.1 8.5 12.7

236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 71.227 ng

RT: 19.933 min Scan# 2881

Delta R.T. -0.012 min

Lab File: BP020555.D

Acq: 07 Jun 2024 11:00

Instrument :

BNA_P

ClientSampleId :

PB161329BL

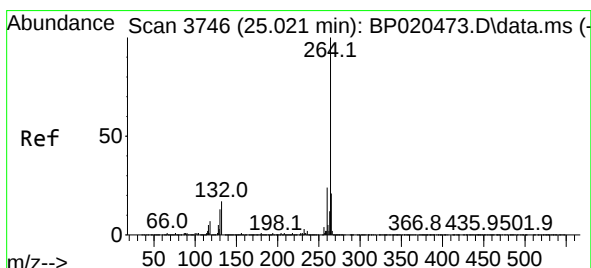
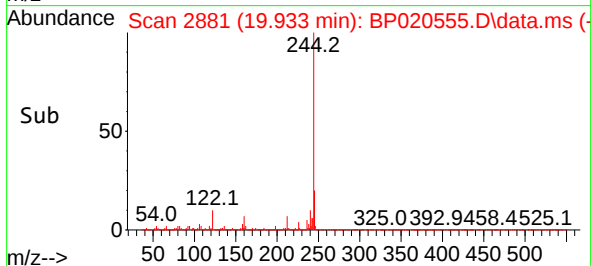
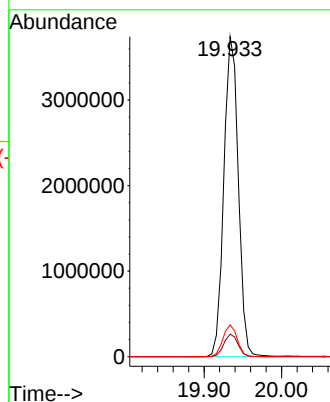
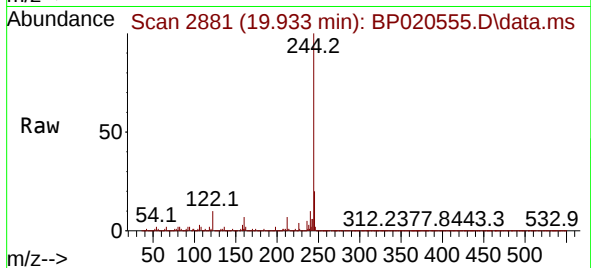
Tgt Ion:244 Resp: 4843438

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.0 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.021 min Scan# 3746

Delta R.T. 0.000 min

Lab File: BP020555.D

Acq: 07 Jun 2024 11:00

Tgt Ion:264 Resp: 1454345

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 17.4 26.0

