

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021550.D
 Acq On : 19 Aug 2024 12:08
 Operator : RC/JU
 Sample : PB162631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162631BL

Quant Time: Aug 19 13:08:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	383179	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1575272	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1045194	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2343127	20.000	ng	0.01
76) Chrysene-d12	21.727	240	2292104	20.000	ng	0.03
86) Perylene-d12	25.151	264	2593154	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	3415794	132.366	ng	0.01
7) Phenol-d6	6.969	99	4636096	123.154	ng	0.00
23) Nitrobenzene-d5	8.951	82	2761489	90.482	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1771057	152.250	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5375969	78.498	ng	0.00
79) Terphenyl-d14	19.986	244	9588491	81.270	ng	0.01

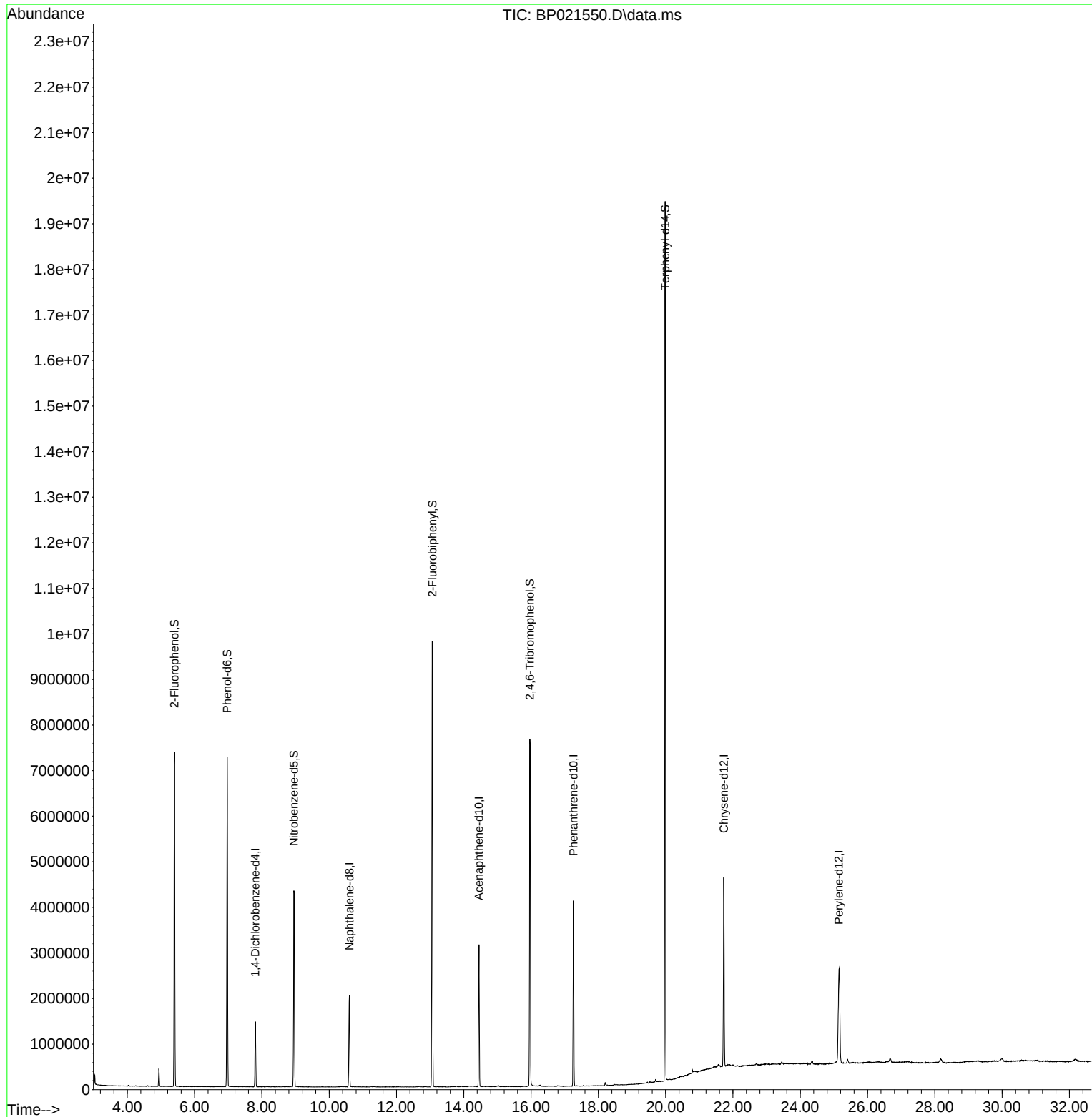
Target Compounds	Qvalue

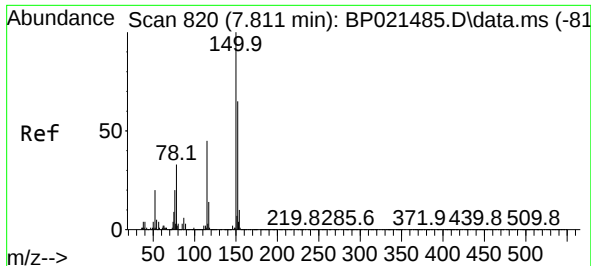
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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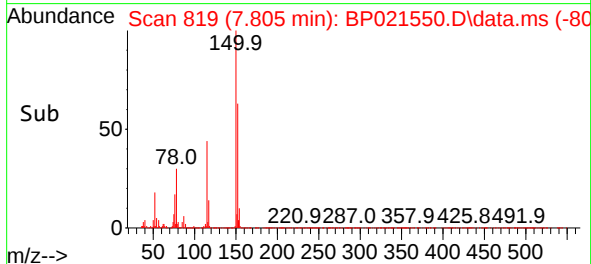
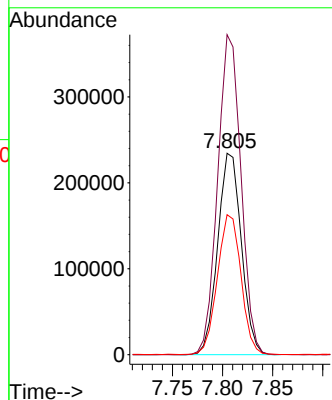
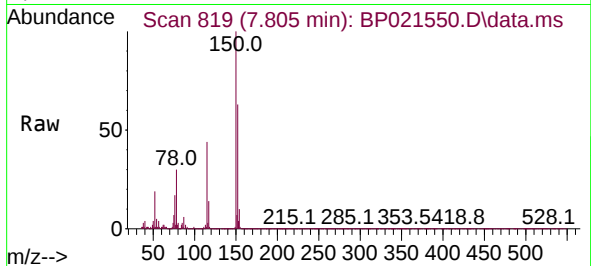




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

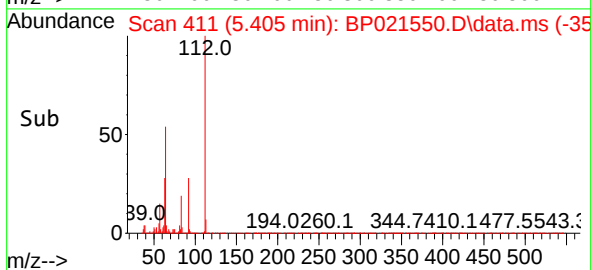
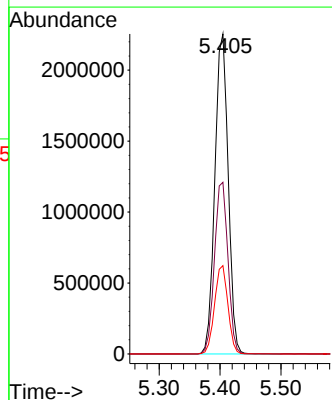
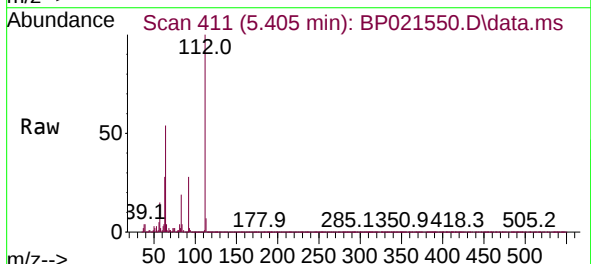
Instrument :
BNA_P
ClientSampleId :
PB162631BL

Tgt Ion:152 Resp: 383179
Ion Ratio Lower Upper
152 100
150 158.8 122.4 183.6
115 69.4 54.7 82.1



#5
2-Fluorophenol
Concen: 132.366 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

Tgt Ion:112 Resp: 3415794
Ion Ratio Lower Upper
112 100
64 53.6 49.0 73.6
63 27.6 24.6 36.8

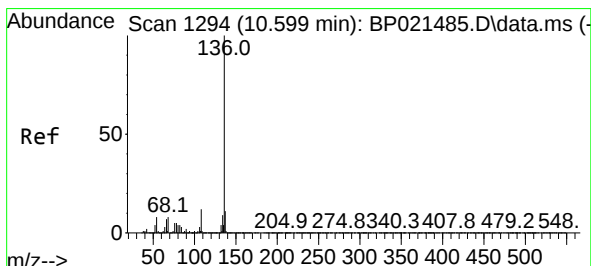
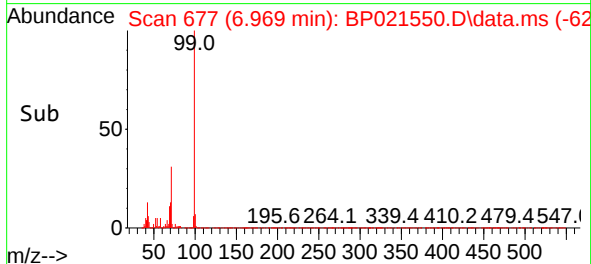
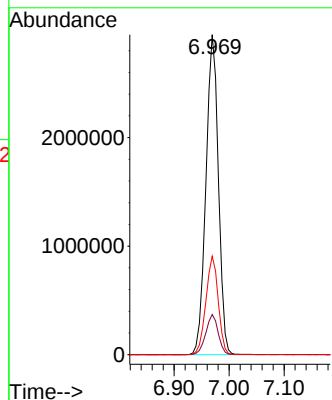
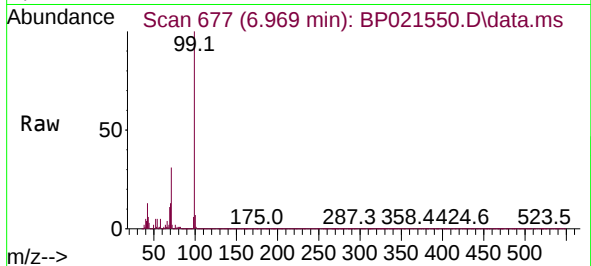




#7
Phenol-d6
Concen: 123.154 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

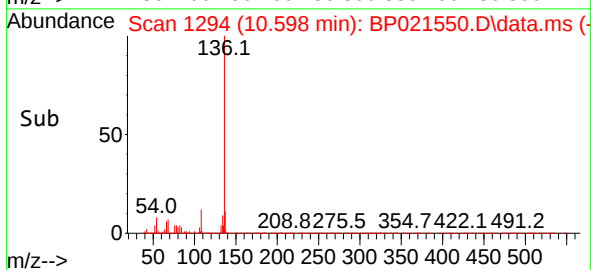
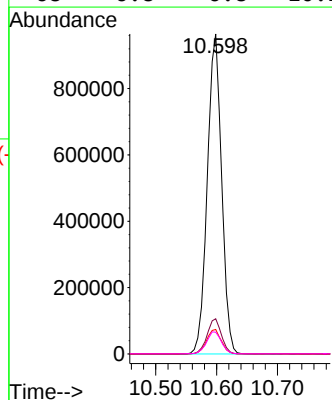
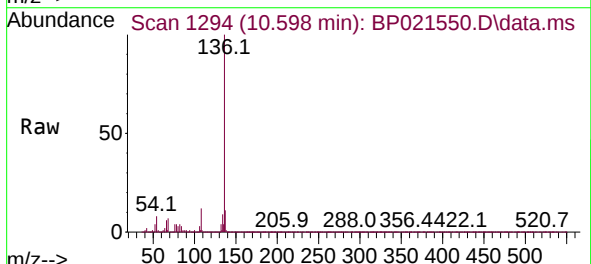
Instrument :
BNA_P
ClientSampleId :
PB162631BL

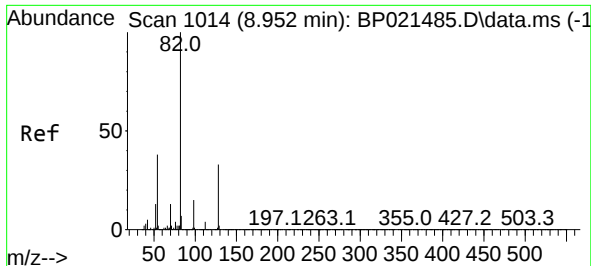
Tgt Ion: 99 Resp: 4636096
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.001 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

Tgt Ion:136 Resp: 1575272
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.3 9.5
68 6.8 6.8 10.2

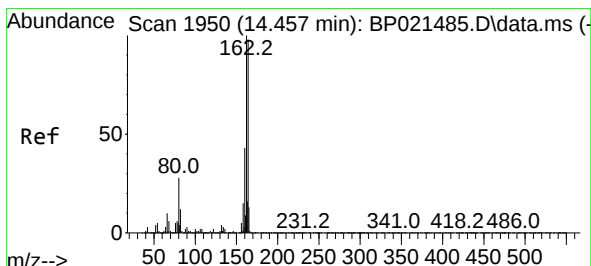
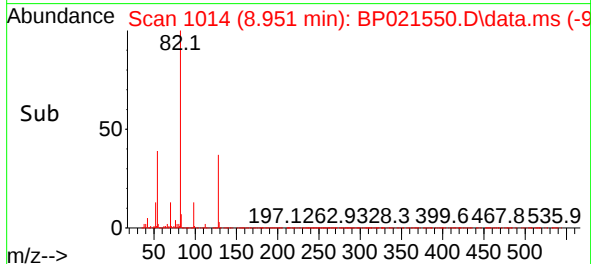
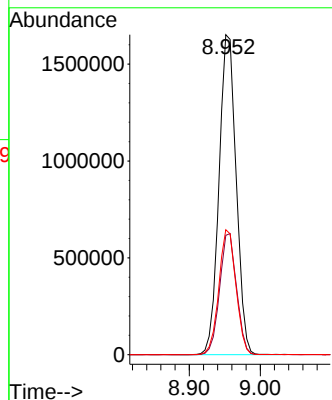
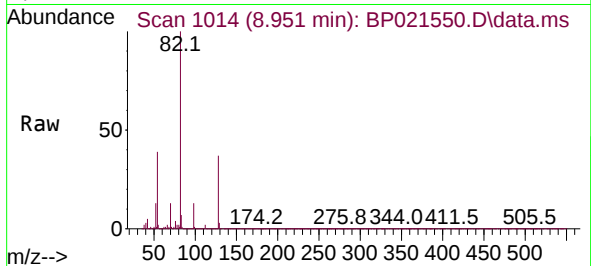




#23
Nitrobenzene-d5
Concen: 90.482 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

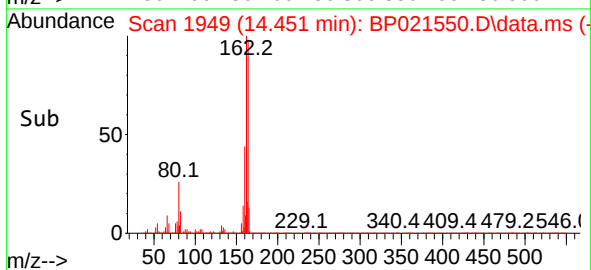
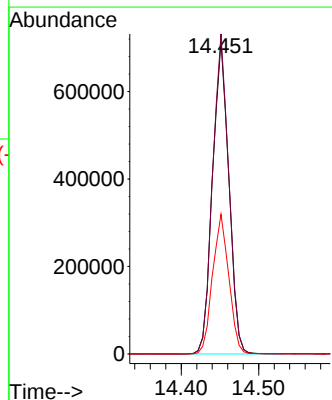
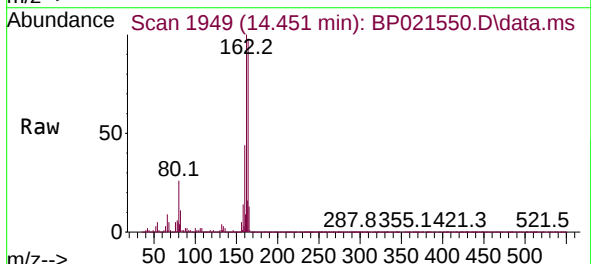
Instrument :
BNA_P
ClientSampleId :
PB162631BL

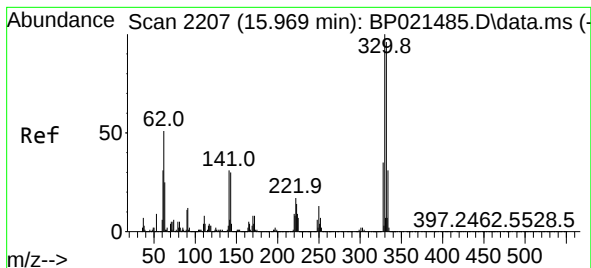
Tgt Ion: 82 Resp: 2761489
Ion Ratio Lower Upper
82 100
128 37.3 26.5 39.7
54 39.1 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021550.D
Acq: 19 Aug 2024 12:08

Tgt Ion:164 Resp: 1045194
Ion Ratio Lower Upper
164 100
162 102.5 81.5 122.3
160 44.7 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 152.250 ng

RT: 15.969 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

Instrument :

BNA_P

ClientSampleId :

PB162631BL

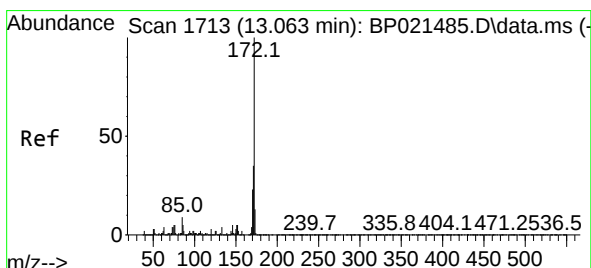
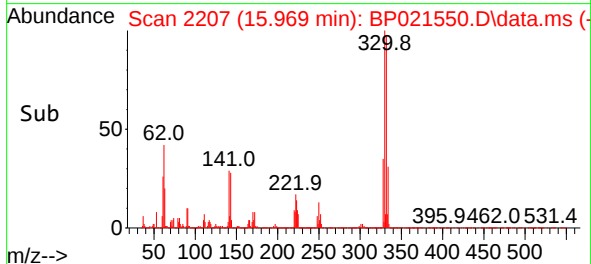
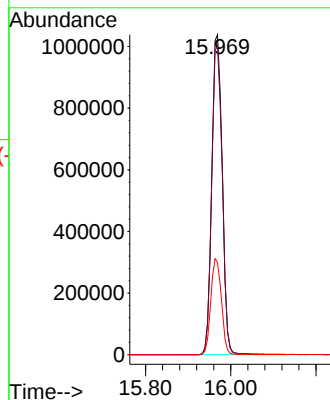
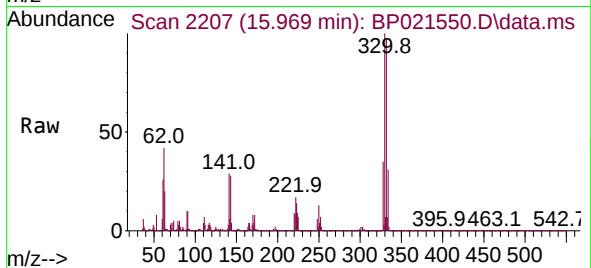
Tgt Ion:330 Resp: 1771057

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 30.3 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 78.498 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

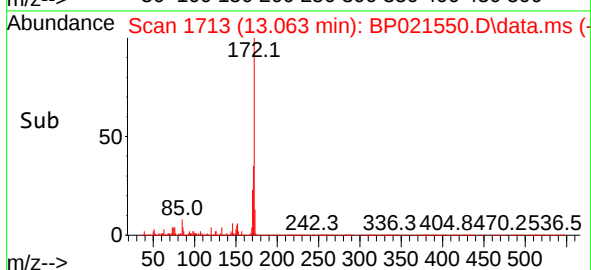
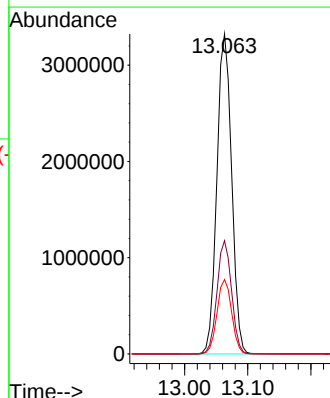
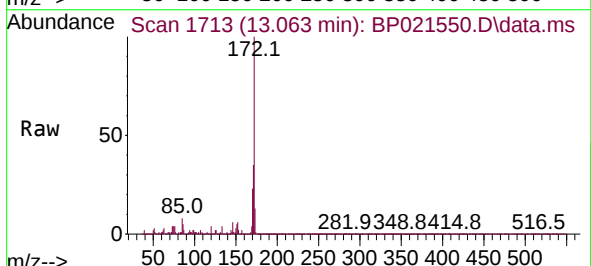
Tgt Ion:172 Resp: 5375969

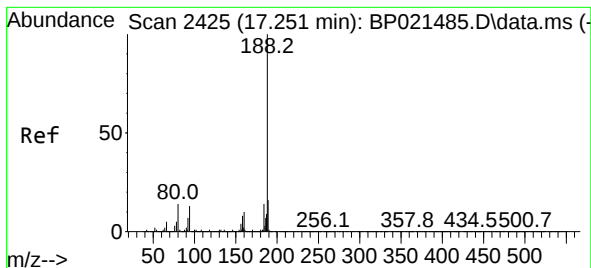
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.3 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

Instrument :

BNA_P

ClientSampleId :

PB162631BL

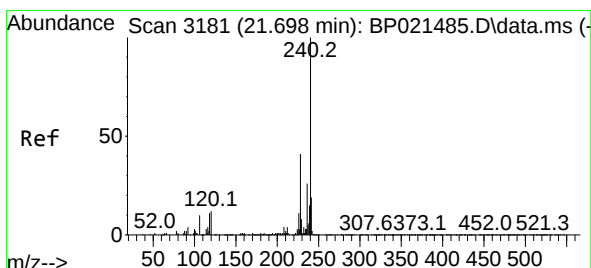
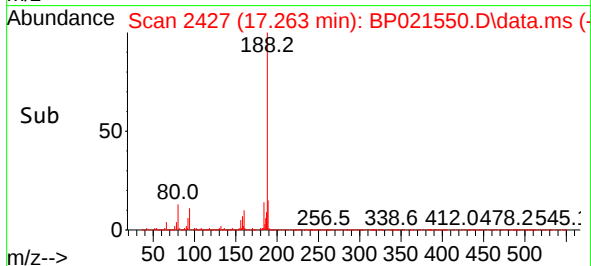
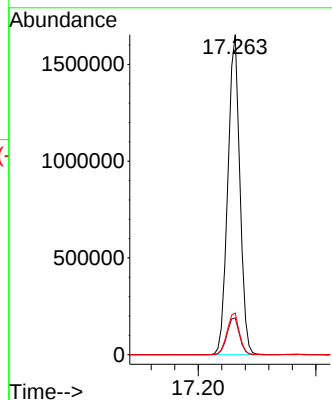
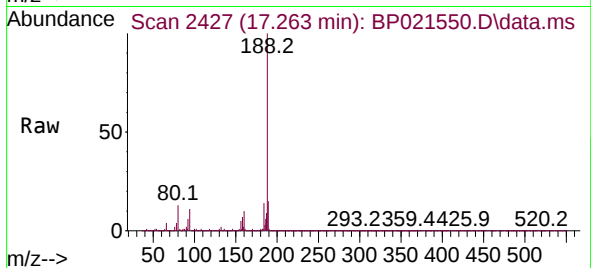
Tgt Ion:188 Resp: 2343127

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.4

80 13.0 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 3186

Delta R.T. 0.029 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

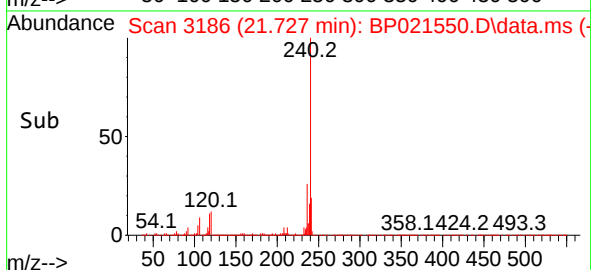
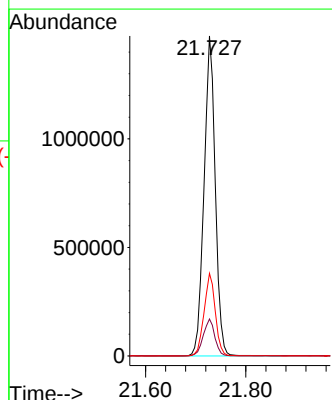
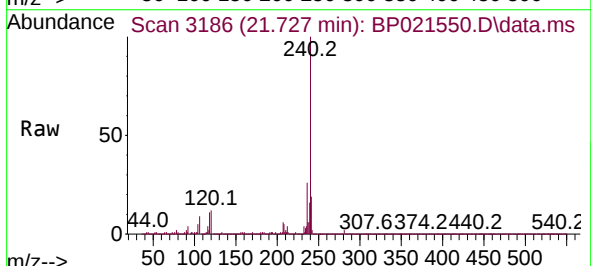
Tgt Ion:240 Resp: 2292104

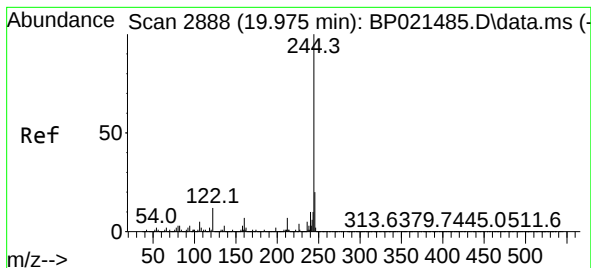
Ion Ratio Lower Upper

240 100

120 11.6 9.9 14.9

236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 81.270 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

Instrument :

BNA_P

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PB162631BL

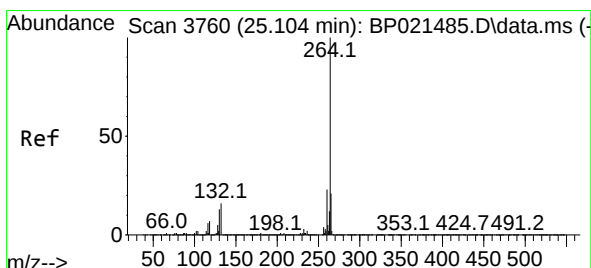
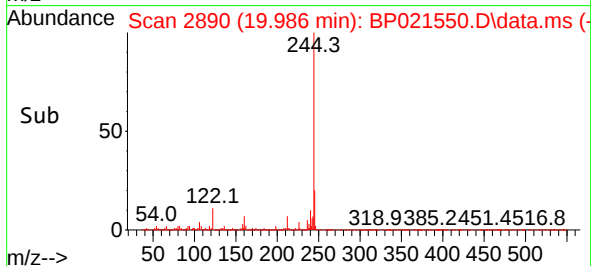
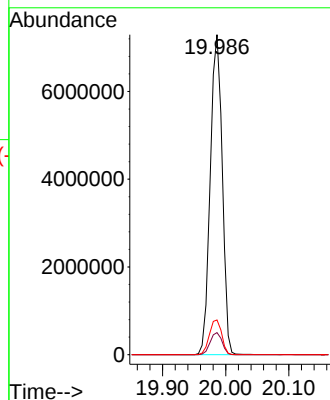
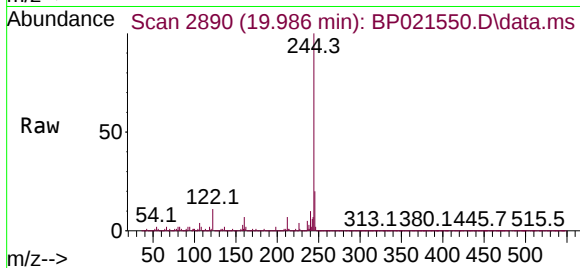
Tgt Ion:244 Resp: 9588491

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.9 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.151 min Scan# 3768

Delta R.T. 0.047 min

Lab File: BP021550.D

Acq: 19 Aug 2024 12:08

Tgt Ion:264 Resp: 2593154

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.9 17.1 25.7

