

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
 Data File : BP020538.D
 Acq On : 06 Jun 2024 12:14
 Operator : MA/JU
 Sample : PB161260BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161260BL

Quant Time: Jun 06 13:29:57 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	7.769	152	332310	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1285371	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	796387	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1596363	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1197301	20.000	ng	-0.02
86) Perylene-d12	25.010	264	1344309	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2575365	138.758	ng	0.00
7) Phenol-d6	6.940	99	3231734	123.469	ng	0.00
23) Nitrobenzene-d5	8.916	82	1996966	85.045	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1229671	148.781	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	4492011	84.084	ng	0.00
79) Terphenyl-d14	19.939	244	5733980	79.725	ng	0.00

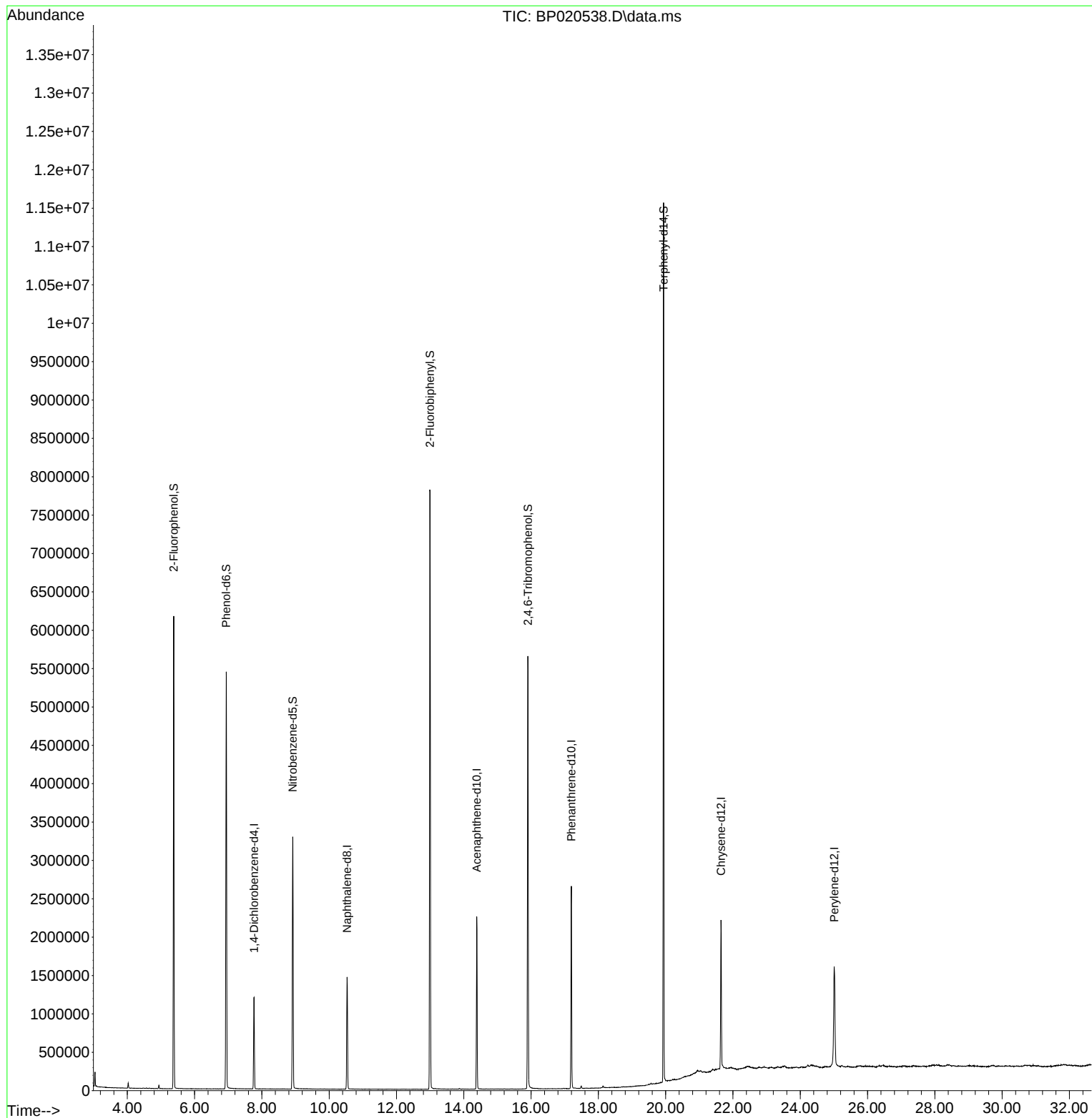
Target Compounds	Qvalue

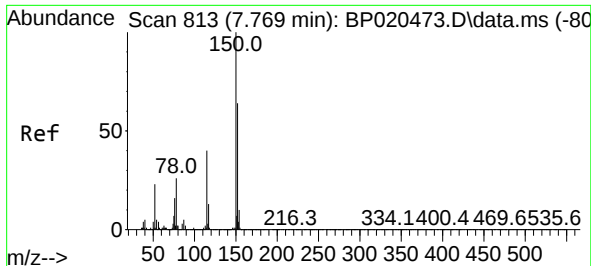
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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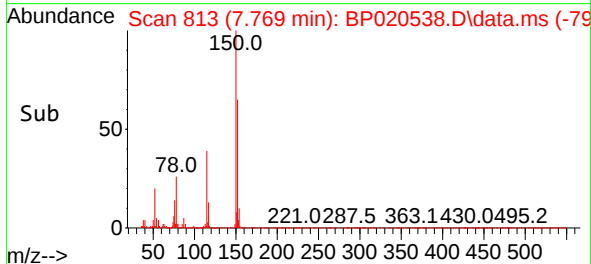
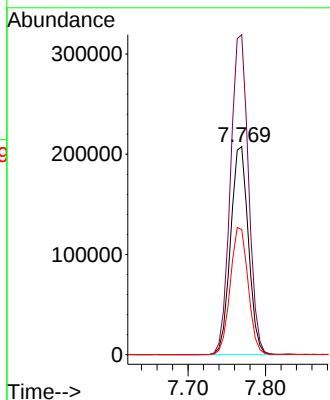
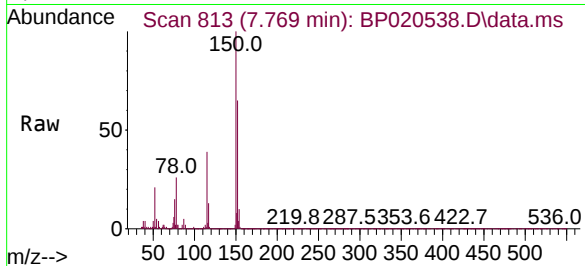




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020538.D
Acq: 06 Jun 2024 12:14

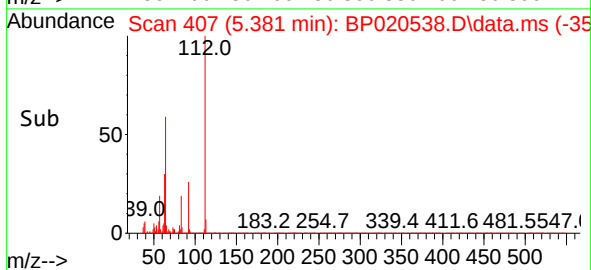
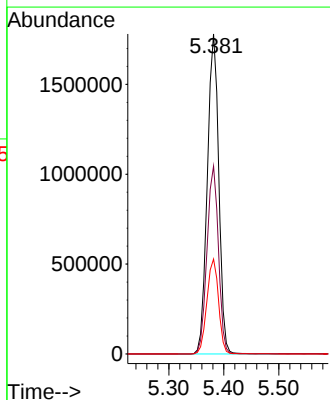
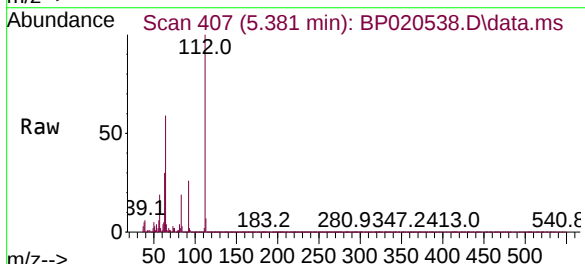
Instrument :
BNA_P
ClientSampleId :
PB161260BL

Tgt Ion:152 Resp: 332310
Ion Ratio Lower Upper
152 100
150 153.8 124.2 186.2
115 60.1 49.5 74.3



#5
2-Fluorophenol
Concen: 138.758 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020538.D
Acq: 06 Jun 2024 12:14

Tgt Ion:112 Resp: 2575365
Ion Ratio Lower Upper
112 100
64 58.7 50.1 75.1
63 29.7 25.7 38.5

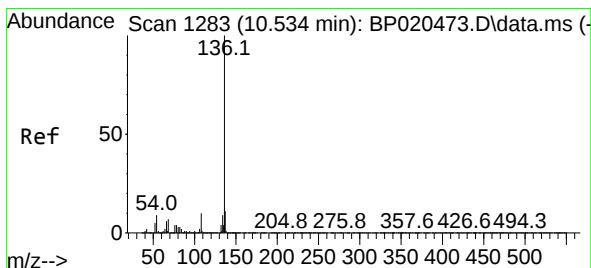
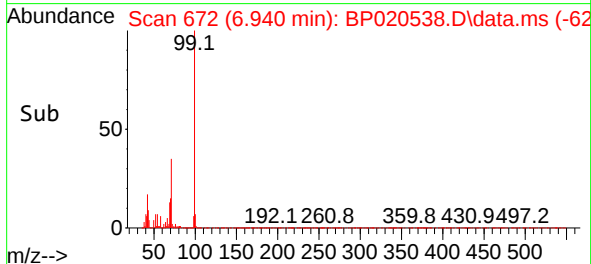
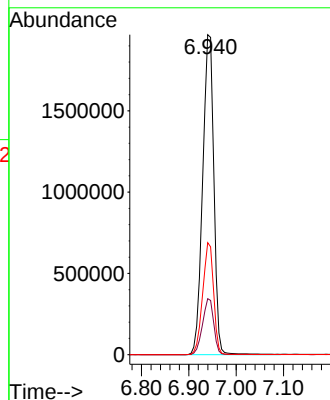
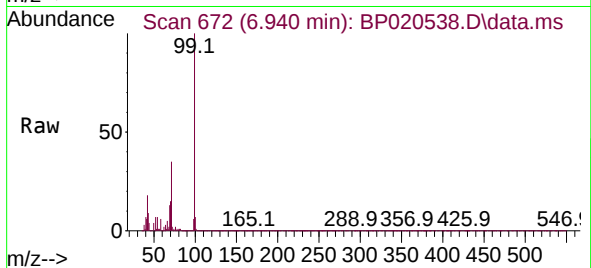




#7
Phenol-d6
Concen: 123.469 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020538.D
Acq: 06 Jun 2024 12:14

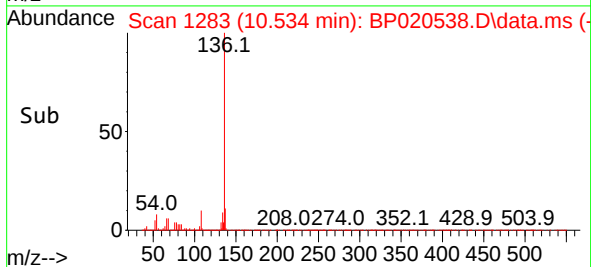
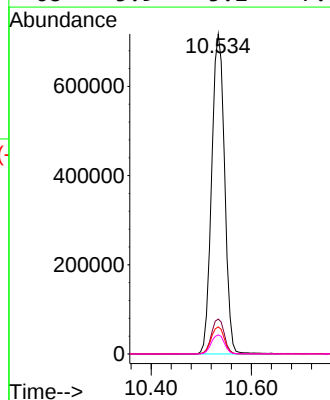
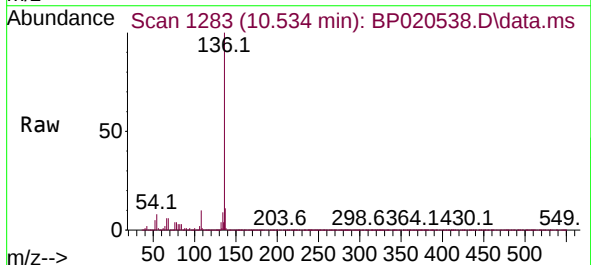
Instrument :
BNA_P
ClientSampleId :
PB161260BL

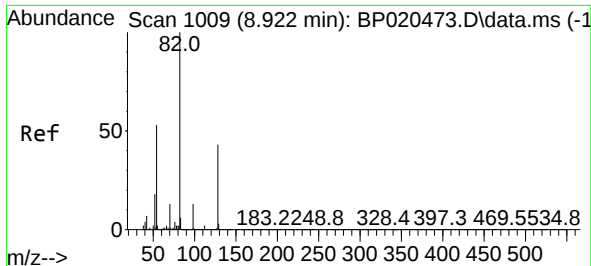
Tgt Ion: 99 Resp: 3231734
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 35.0 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020538.D
Acq: 06 Jun 2024 12:14

Tgt Ion:136 Resp: 1285371
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.4 7.4 11.0
68 5.9 5.2 7.8

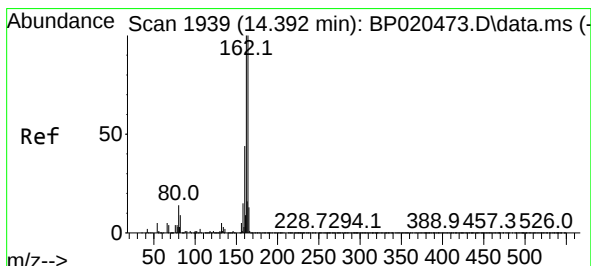
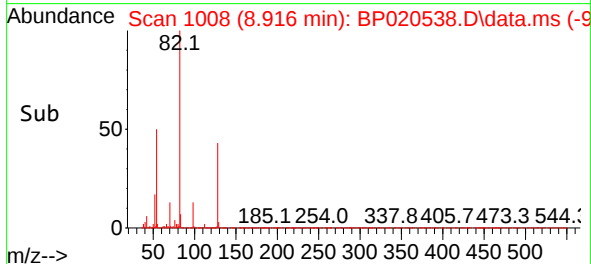
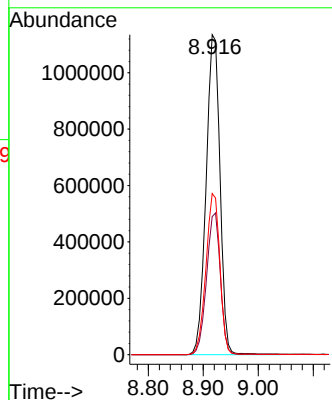
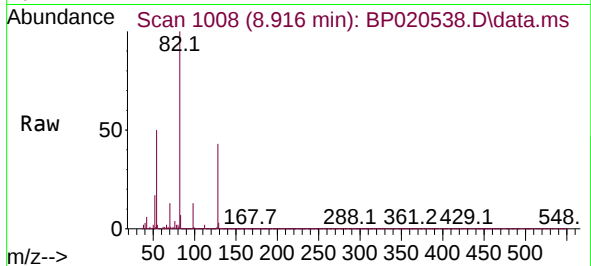




#23
Nitrobenzene-d5
Concen: 85.045 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020538.D
Acq: 06 Jun 2024 12:14

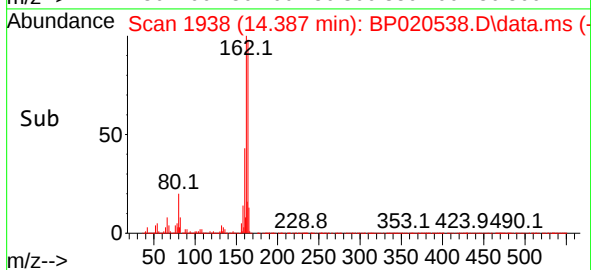
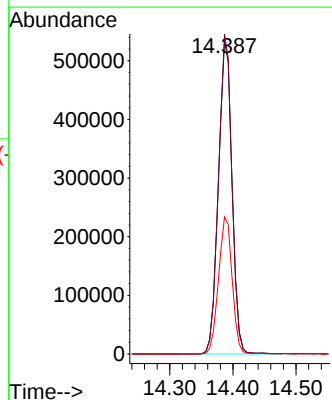
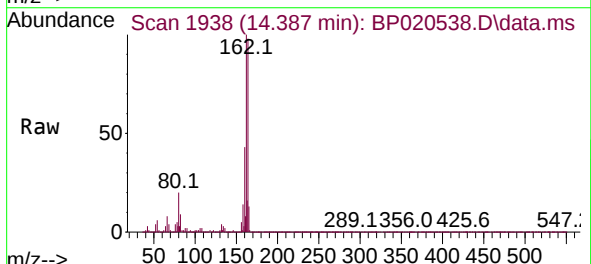
Instrument :
BNA_P
ClientSampleId :
PB161260BL

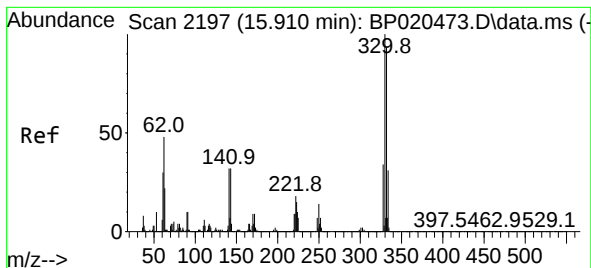
Tgt Ion: 82 Resp: 1996966
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.4
54 50.3 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020538.D
Acq: 06 Jun 2024 12:14

Tgt Ion:164 Resp: 796387
Ion Ratio Lower Upper
164 100
162 102.2 80.3 120.5
160 43.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 148.781 ng

RT: 15.910 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BP020538.D

Acq: 06 Jun 2024 12:14

Instrument :

BNA_P

ClientSampleId :

PB161260BL

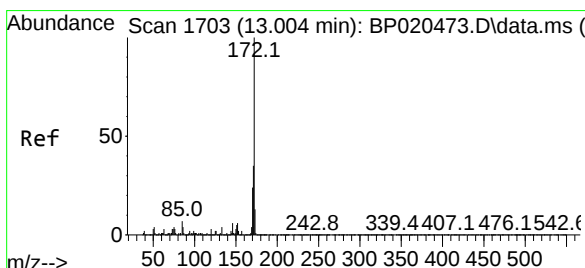
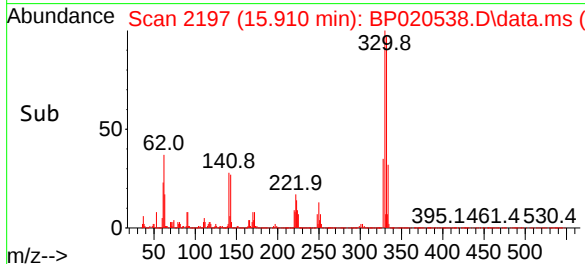
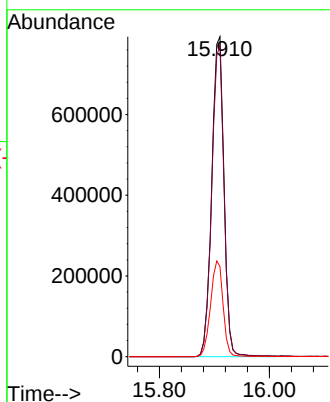
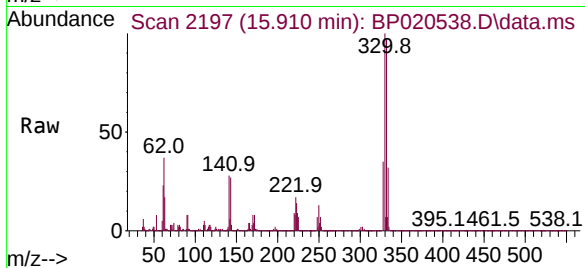
Tgt Ion:330 Resp: 1229671

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

141 30.4 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 84.084 ng

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020538.D

Acq: 06 Jun 2024 12:14

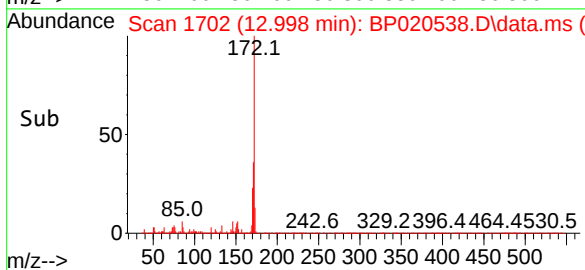
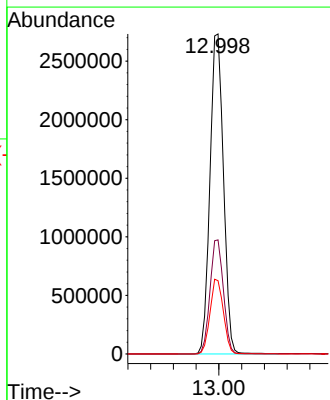
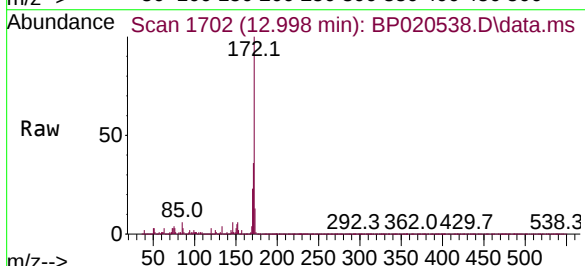
Tgt Ion:172 Resp: 4492011

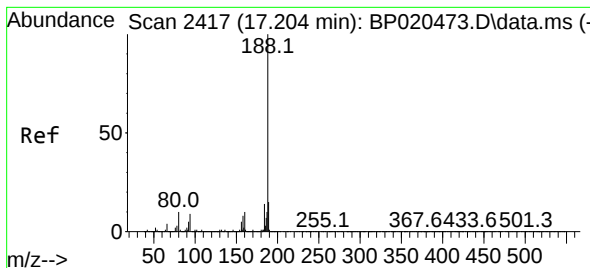
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 22.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP020538.D

Acq: 06 Jun 2024 12:14

Instrument :

BNA_P

ClientSampleId :

PB161260BL

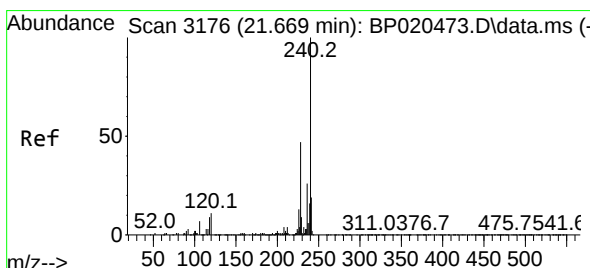
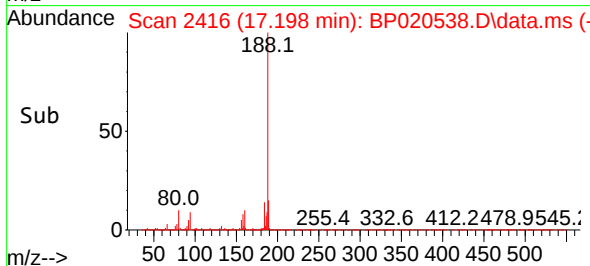
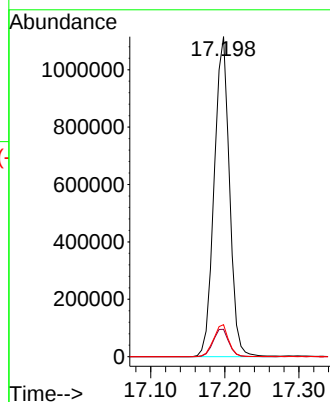
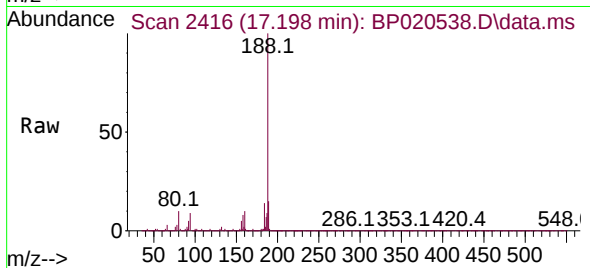
Tgt Ion:188 Resp: 1596363

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 10.0 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 3172

Delta R.T. -0.024 min

Lab File: BP020538.D

Acq: 06 Jun 2024 12:14

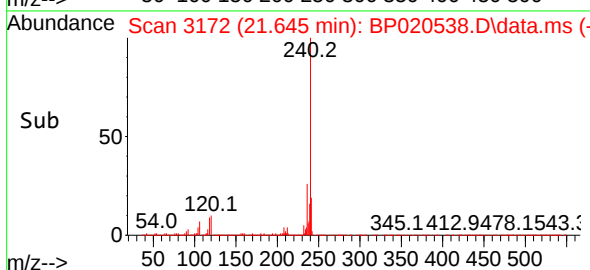
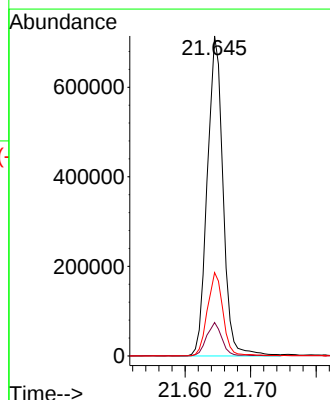
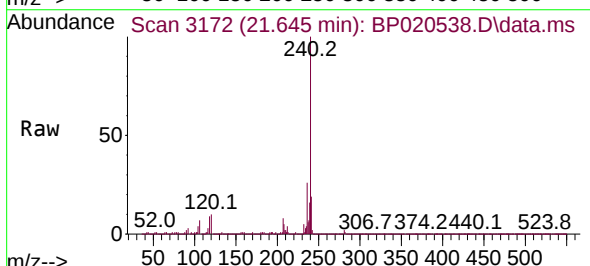
Tgt Ion:240 Resp: 1197301

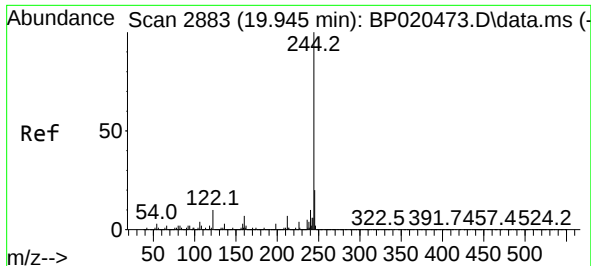
Ion Ratio Lower Upper

240 100

120 10.4 8.5 12.7

236 26.1 20.5 30.7

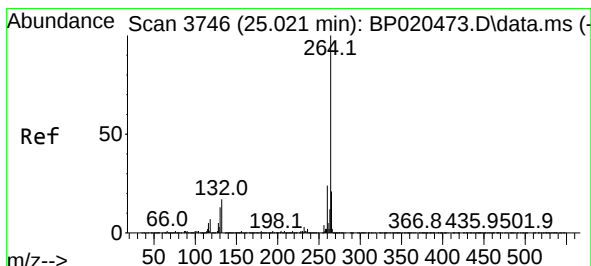
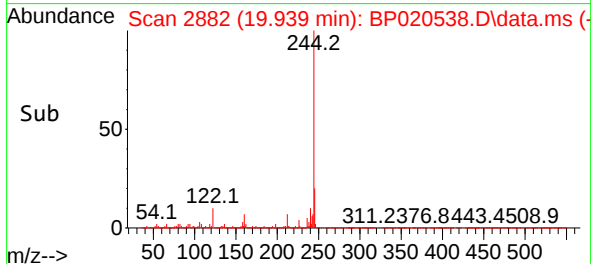
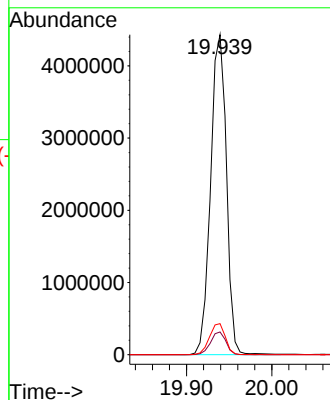
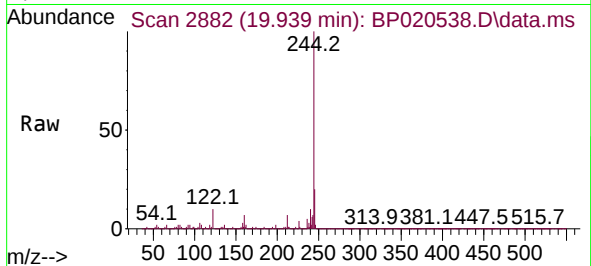




#79
 Terphenyl-d14
 Concen: 79.725 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP020538.D
 Acq: 06 Jun 2024 12:14

Instrument :
 BNA_P
 ClientSampleId :
 PB161260BL

Tgt Ion:244 Resp: 5733980
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.010 min Scan# 3744
 Delta R.T. -0.012 min
 Lab File: BP020538.D
 Acq: 06 Jun 2024 12:14

Tgt Ion:264 Resp: 1344309
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.1 17.4 26.0

