

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061024\
Data File : BP020575.D
Acq On : 10 Jun 2024 13:16
Operator : MA/JU
Sample : PB161387TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB161387TB

Quant Time: Jun 10 13:51:18 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	293783	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1108767	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	657787	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1220276	20.000	ng	0.00
76) Chrysene-d12	21.669	240	998561	20.000	ng	0.00
86) Perylene-d12	25.051	264	1240501	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2217402	135.139	ng	0.01
7) Phenol-d6	6.952	99	2717428	117.435	ng	0.02
23) Nitrobenzene-d5	8.916	82	1794987	88.619	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	954779	139.862	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3792879	85.957	ng	0.00
79) Terphenyl-d14	19.939	244	4663097	77.740	ng	0.00

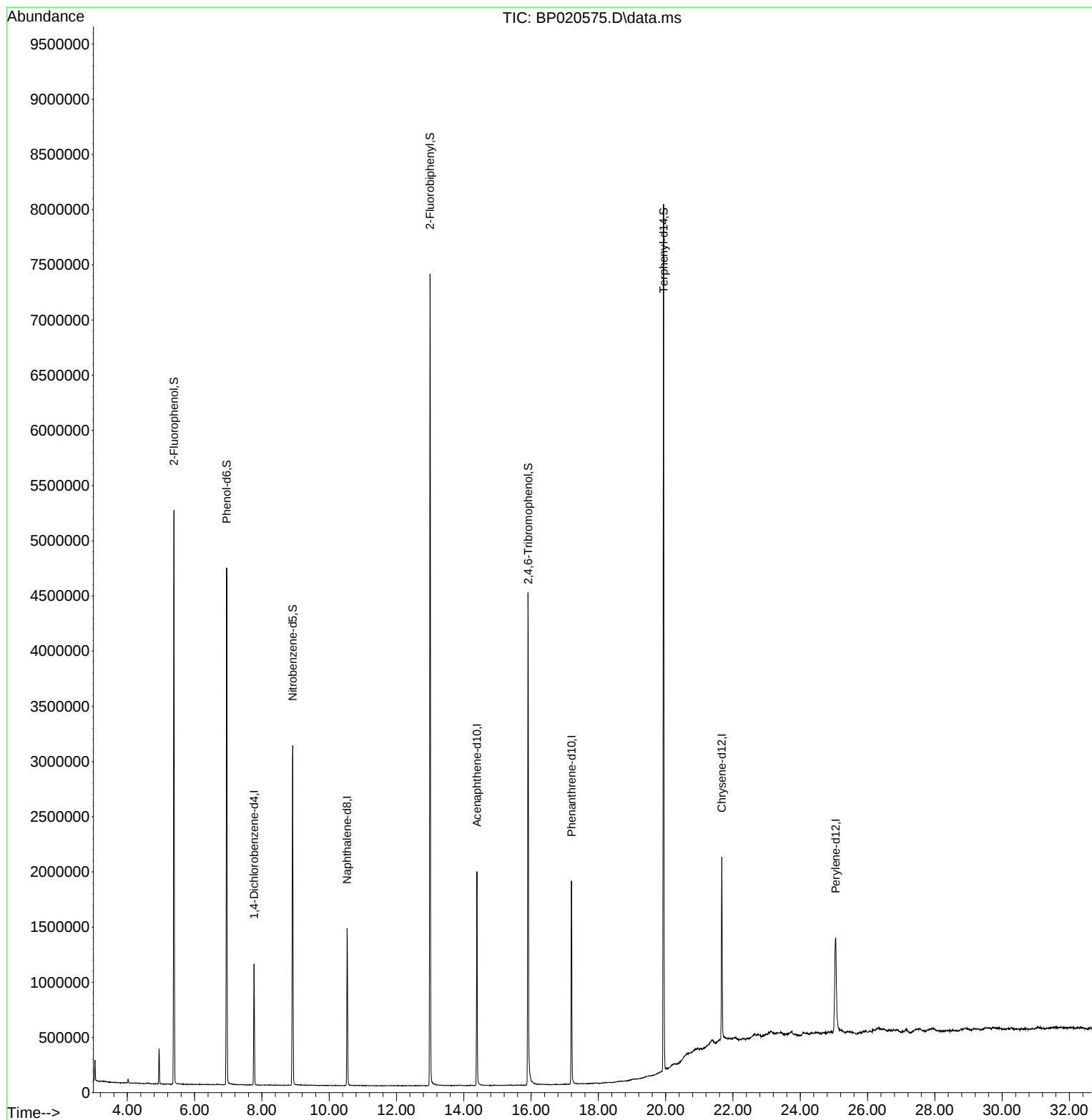
Target Compounds	Qvalue

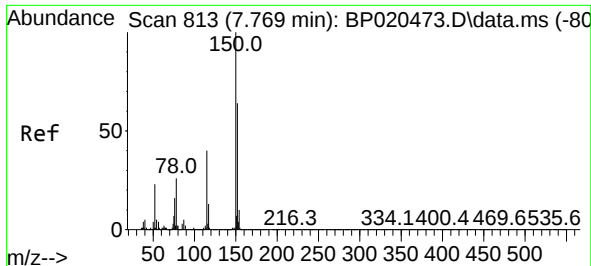
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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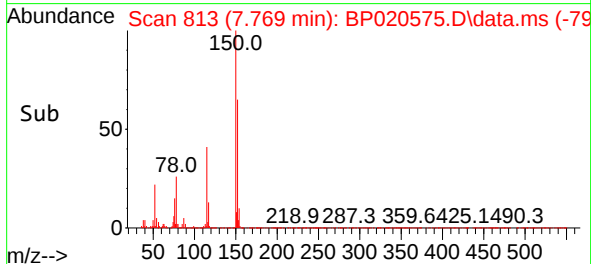
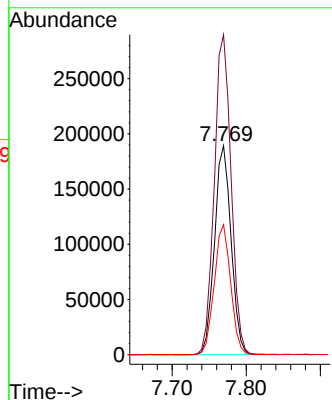
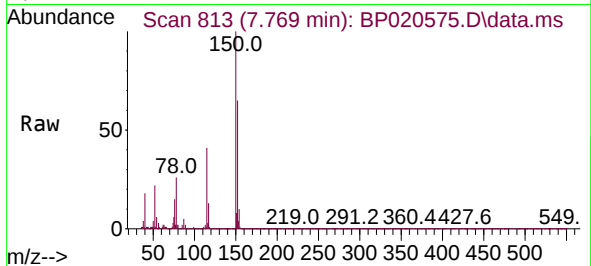




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020575.D
Acq: 10 Jun 2024 13:16

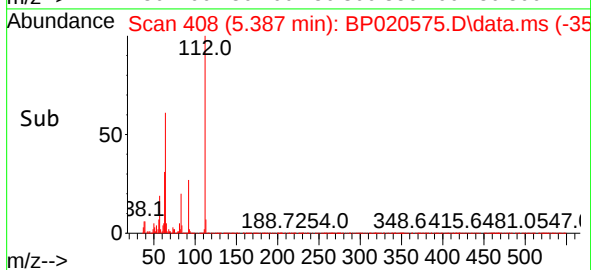
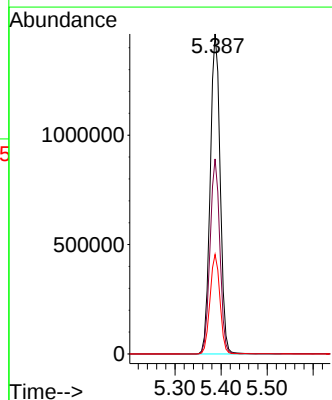
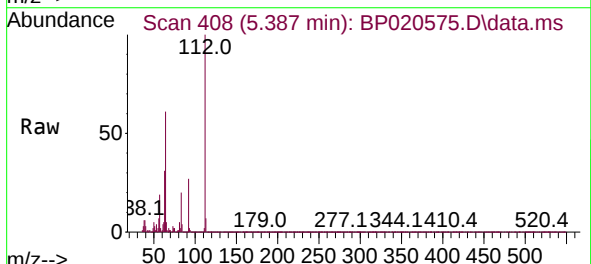
Instrument :
BNA_P
ClientSampleId :
PB161387TB

Tgt Ion:152 Resp: 293783
Ion Ratio Lower Upper
152 100
150 153.1 124.2 186.2
115 62.2 49.5 74.3



#5
2-Fluorophenol
Concen: 135.139 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.012 min
Lab File: BP020575.D
Acq: 10 Jun 2024 13:16

Tgt Ion:112 Resp: 2217402
Ion Ratio Lower Upper
112 100
64 60.9 50.1 75.1
63 31.1 25.7 38.5



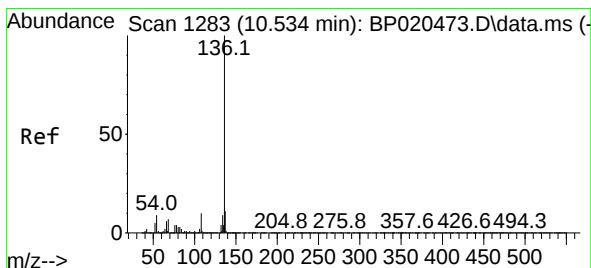
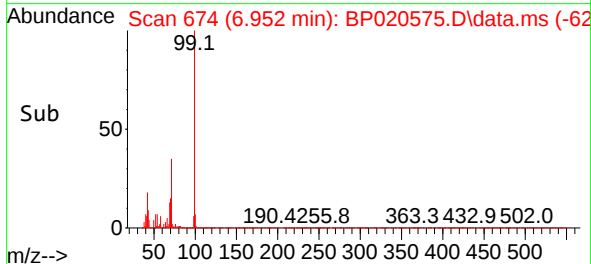
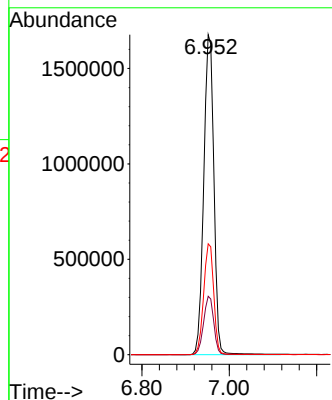
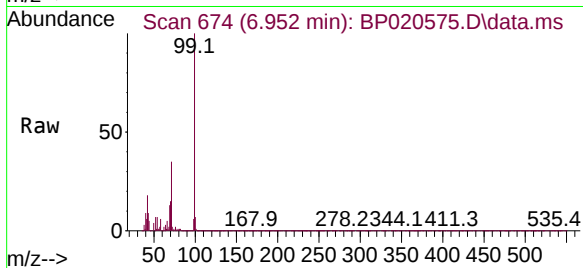


#7
Phenol-d6
Concen: 117.435 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP020575.D
Acq: 10 Jun 2024 13:16

Instrument :
BNA_P
ClientSampleId :
PB161387TB

Tgt Ion: 99 Resp: 2717428

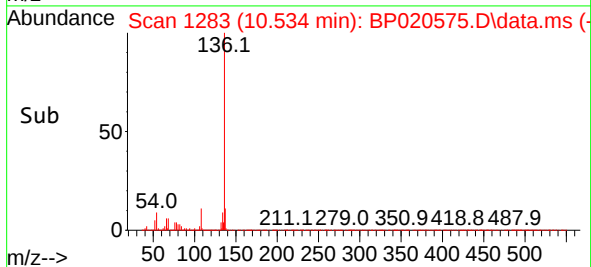
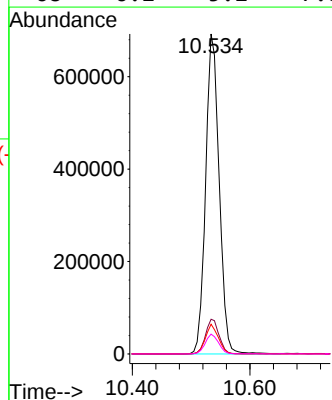
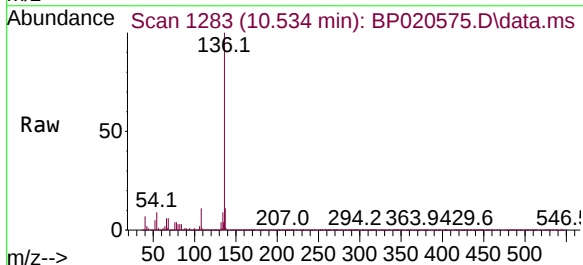
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.4
71	34.6	27.3	40.9

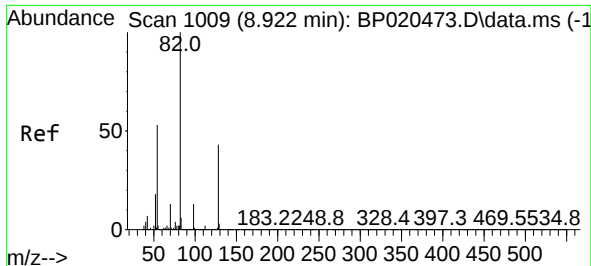


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020575.D
Acq: 10 Jun 2024 13:16

Tgt Ion: 136 Resp: 1108767

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.3	7.4	11.0
68	6.2	5.2	7.8

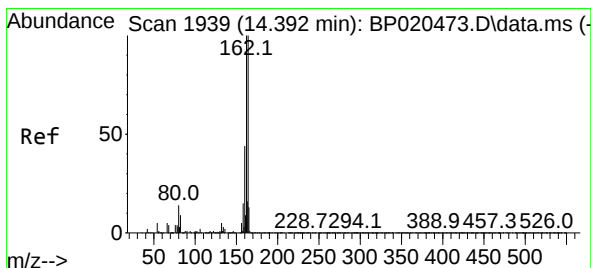
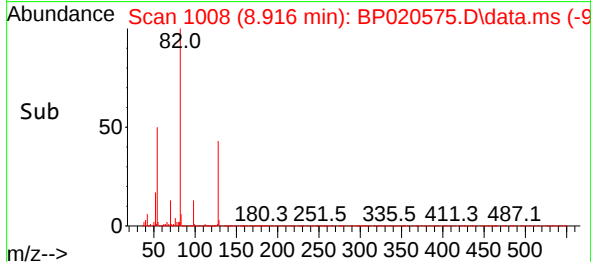
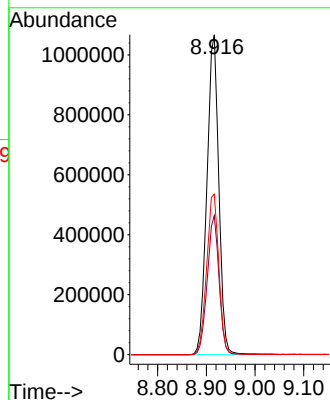
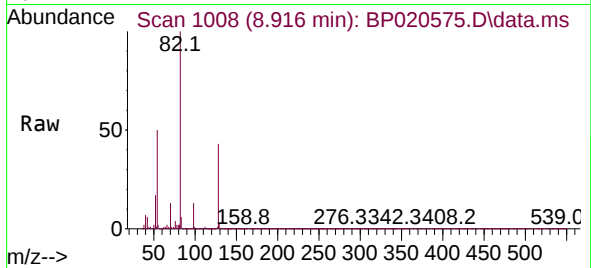




#23
Nitrobenzene-d5
Concen: 88.619 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020575.D
Acq: 10 Jun 2024 13:16

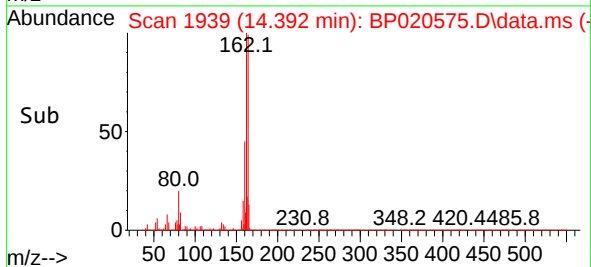
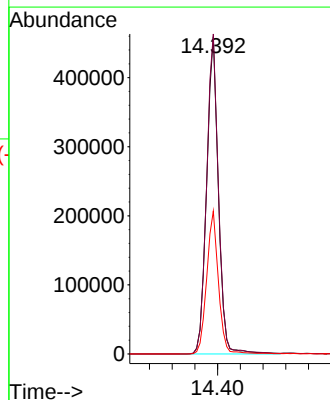
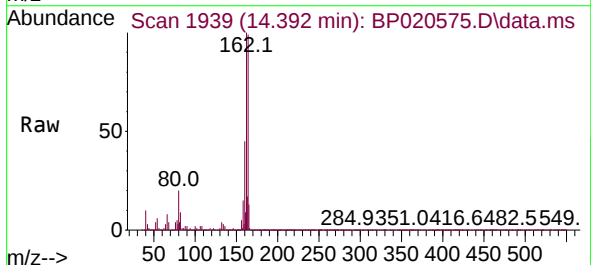
Instrument :
BNA_P
ClientSampleId :
PB161387TB

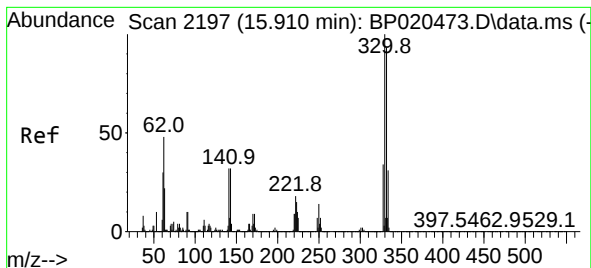
Tgt Ion: 82 Resp: 1794987
Ion Ratio Lower Upper
82 100
128 43.5 34.2 51.4
54 50.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP020575.D
Acq: 10 Jun 2024 13:16

Tgt Ion:164 Resp: 657787
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 45.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 139.862 ng

RT: 15.916 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020575.D

Acq: 10 Jun 2024 13:16

Instrument :

BNA_P

ClientSampleId :

PB161387TB

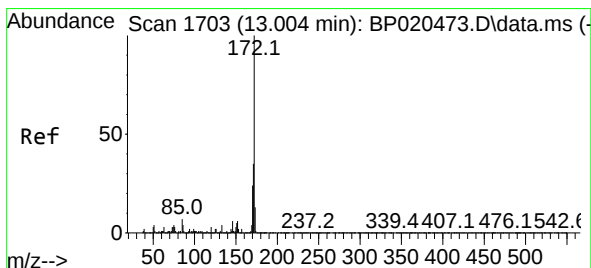
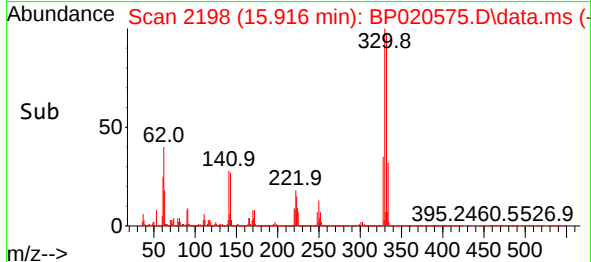
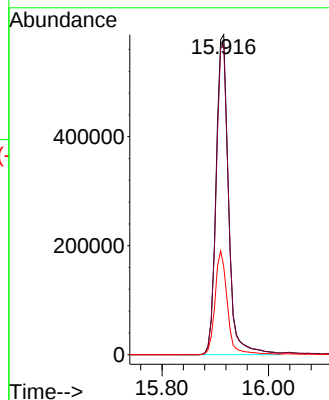
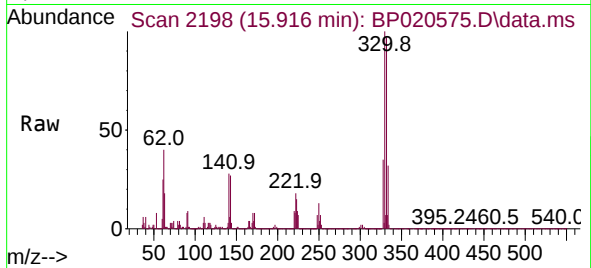
Tgt Ion:330 Resp: 954779

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

141 32.1 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 85.957 ng

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020575.D

Acq: 10 Jun 2024 13:16

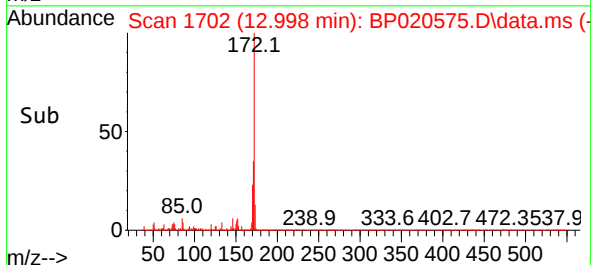
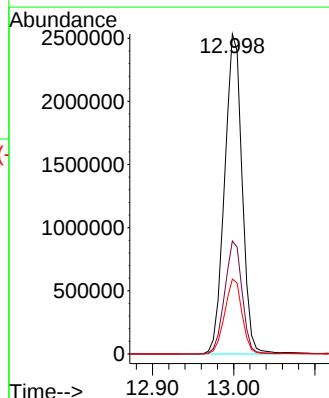
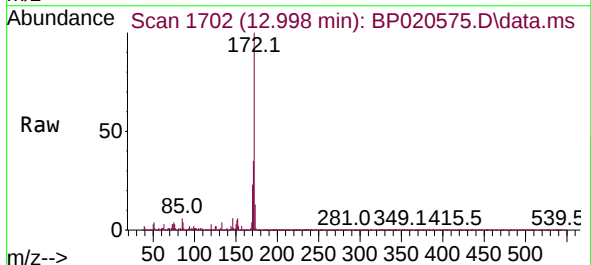
Tgt Ion:172 Resp: 3792879

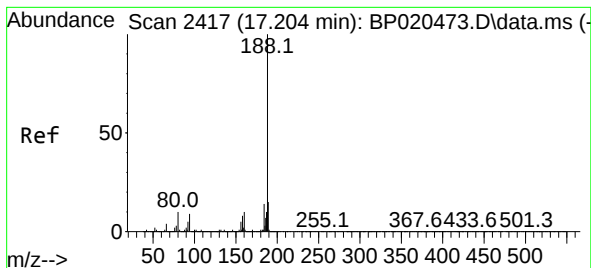
Ion Ratio Lower Upper

172 100

171 35.3 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: BP020575.D

Acq: 10 Jun 2024 13:16

Instrument :

BNA_P

ClientSampleId :

PB161387TB

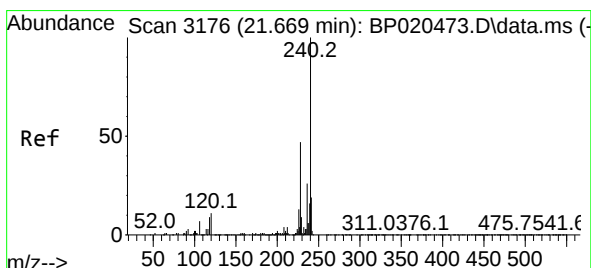
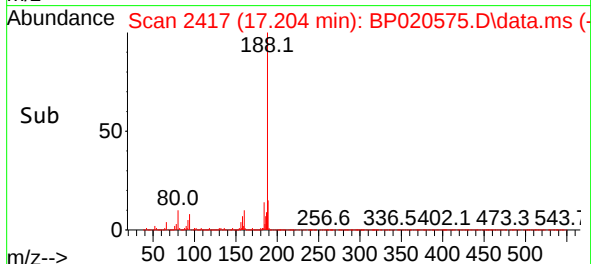
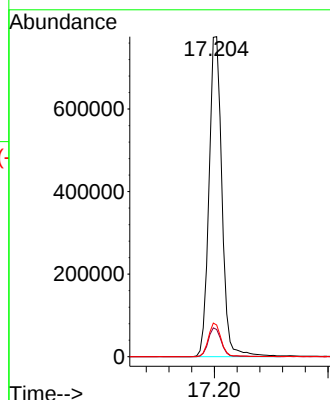
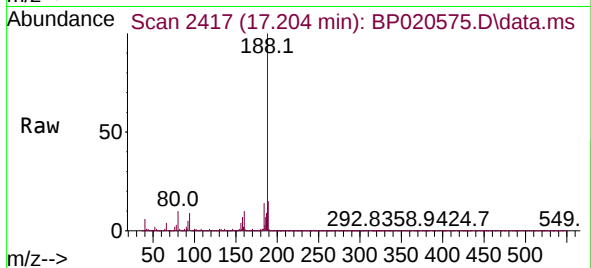
Tgt Ion:188 Resp: 1220276

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

80 9.9 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.669 min Scan# 3176

Delta R.T. -0.000 min

Lab File: BP020575.D

Acq: 10 Jun 2024 13:16

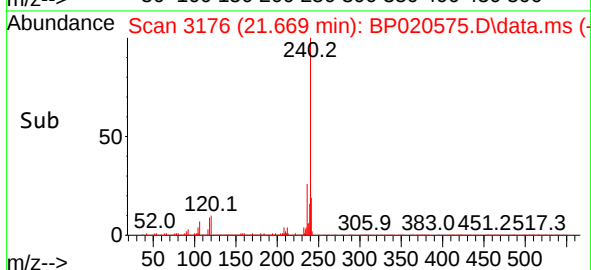
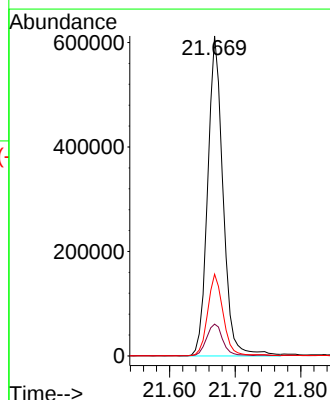
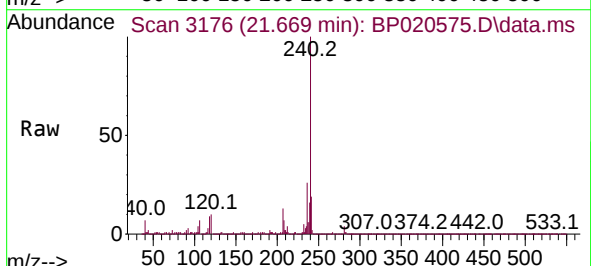
Tgt Ion:240 Resp: 998561

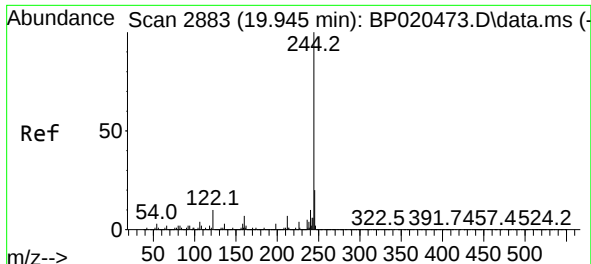
Ion Ratio Lower Upper

240 100

120 10.0 8.5 12.7

236 25.6 20.5 30.7

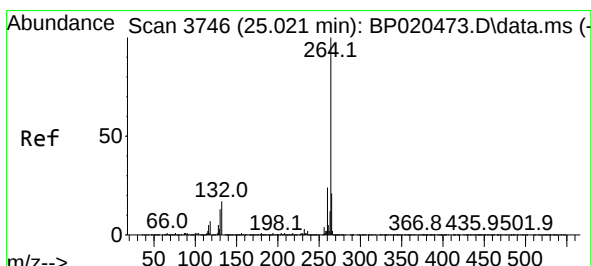
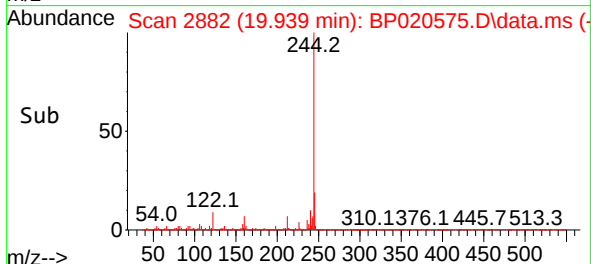
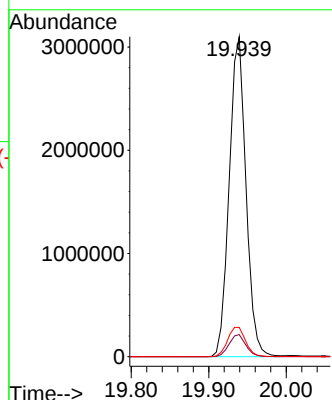
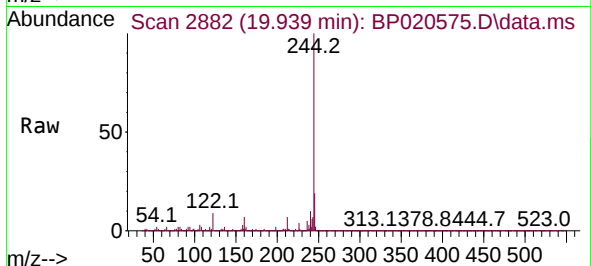




#79
 Terphenyl-d14
 Concen: 77.740 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP020575.D
 Acq: 10 Jun 2024 13:16

Instrument :
 BNA_P
 ClientSampleId :
 PB161387TB

Tgt Ion:244 Resp: 4663097
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.051 min Scan# 3751
 Delta R.T. 0.029 min
 Lab File: BP020575.D
 Acq: 10 Jun 2024 13:16

Tgt Ion:264 Resp: 1240501
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.7 17.4 26.0

