

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020514.D
 Acq On : 05 Jun 2024 12:09
 Operator : MA/JU
 Sample : PB161253TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161253TB

Quant Time: Jun 05 12:55:23 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	7.775	152	333837	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1276819	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	767901	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1431190	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1104903	20.000	ng	-0.02
86) Perylene-d12	25.016	264	1358489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2698151	144.709	ng	0.01
7) Phenol-d6	6.940	99	3395352	129.127	ng	0.00
23) Nitrobenzene-d5	8.922	82	2095528	89.840	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1098803	137.879	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	4680373	90.860	ng	0.00
79) Terphenyl-d14	19.945	244	5369977	80.908	ng	0.00

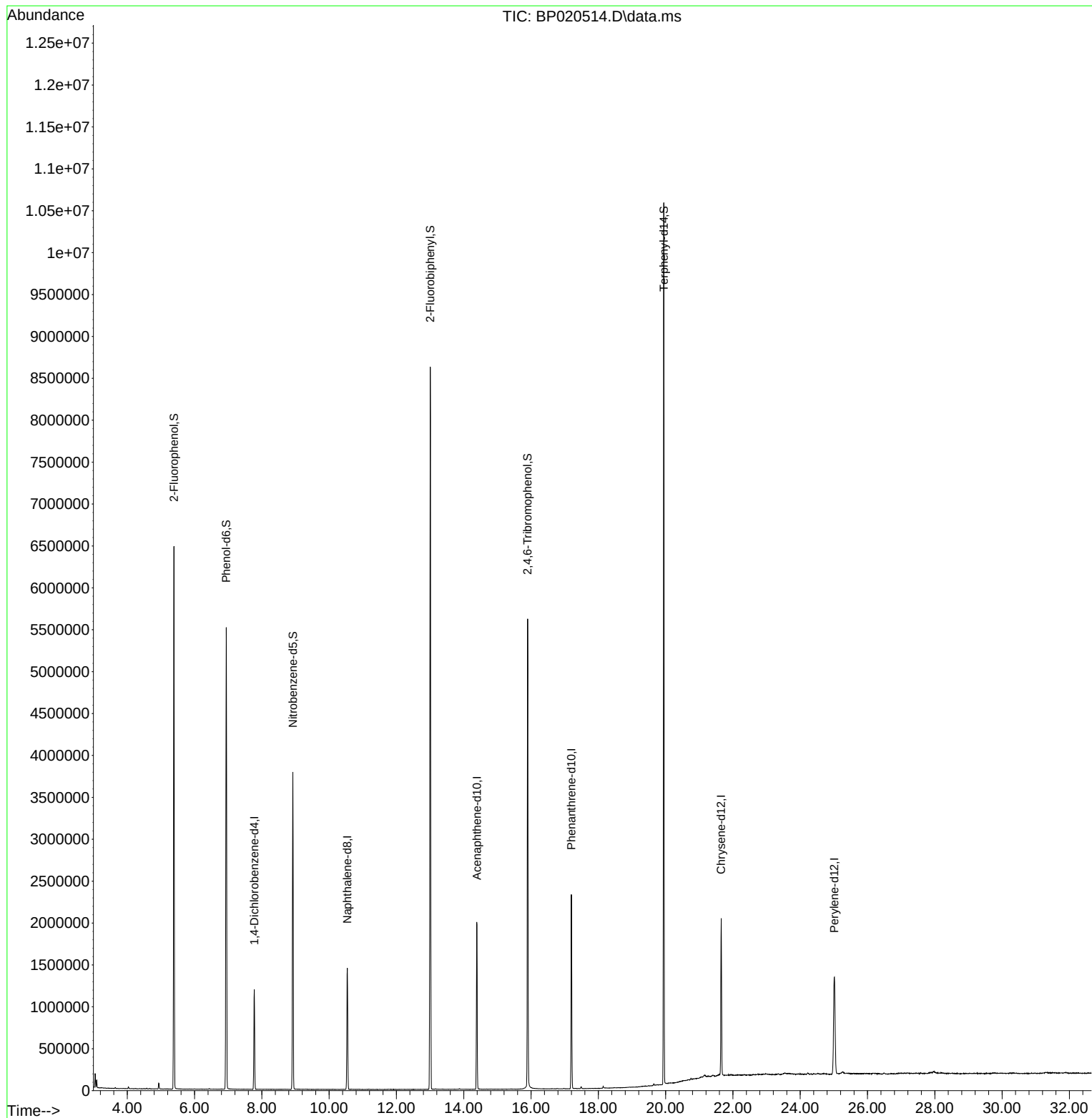
Target Compounds	Qvalue

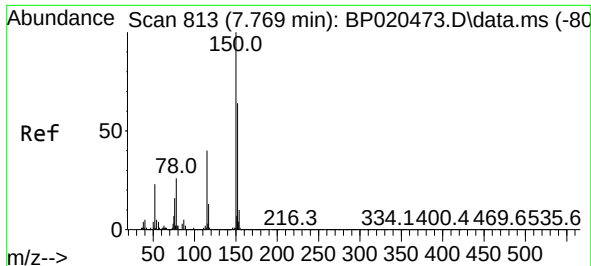
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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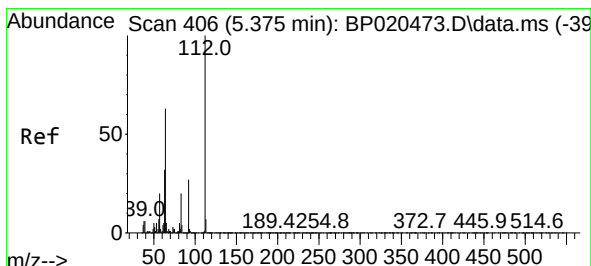
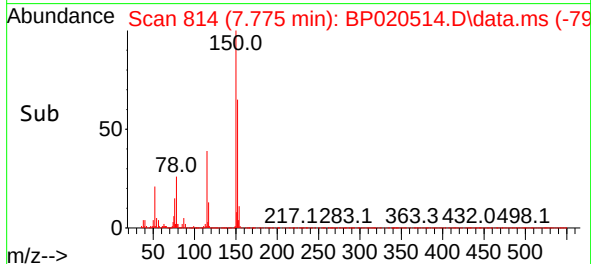
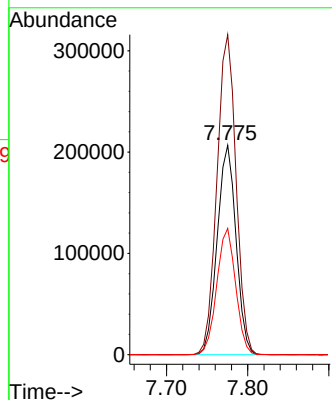
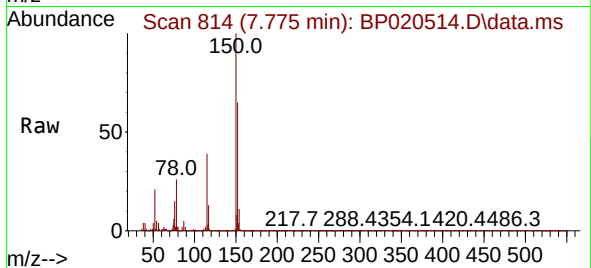




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 813
Delta R.T. 0.006 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

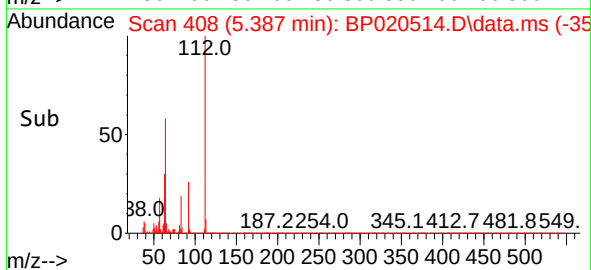
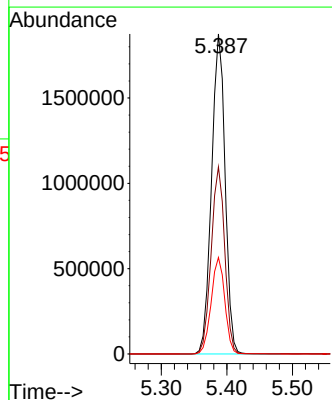
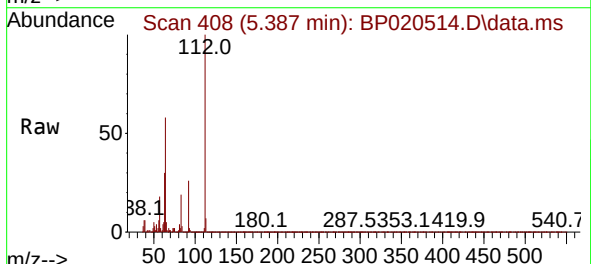
Instrument :
BNA_P
ClientSampleId :
PB161253TB

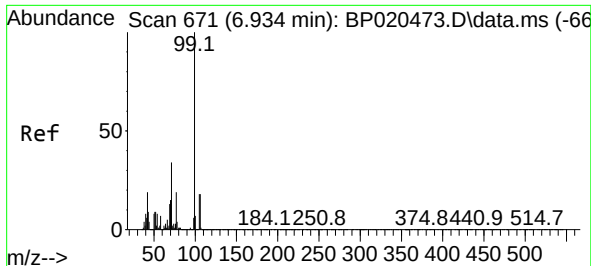
Tgt Ion:152 Resp: 333837
Ion Ratio Lower Upper
152 100
150 152.8 124.2 186.2
115 60.3 49.5 74.3



#5
2-Fluorophenol
Concen: 144.709 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.012 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:112 Resp: 2698151
Ion Ratio Lower Upper
112 100
64 58.4 50.1 75.1
63 30.1 25.7 38.5

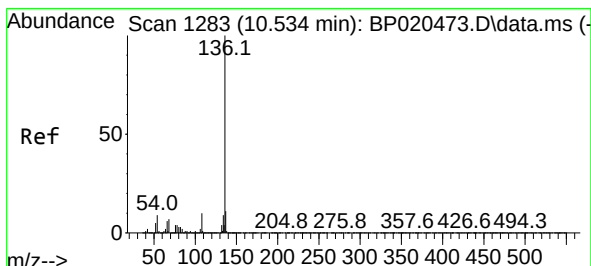
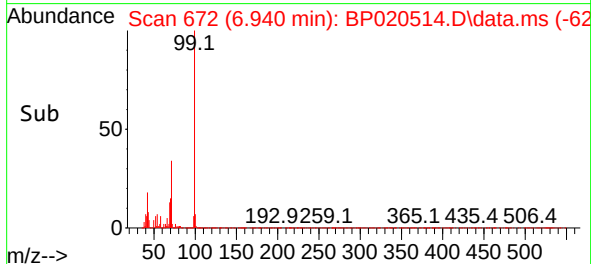
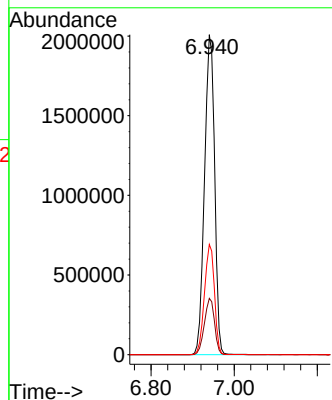
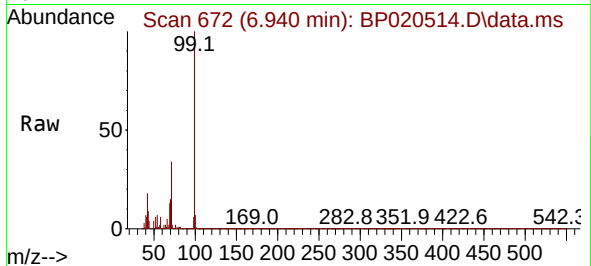




#7
Phenol-d6
Concen: 129.127 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

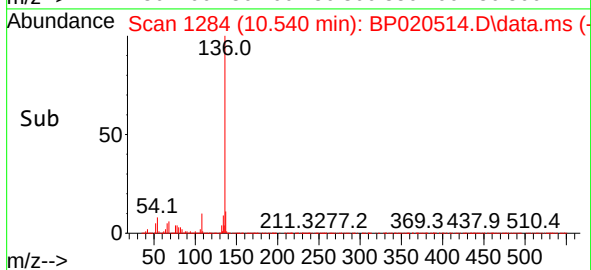
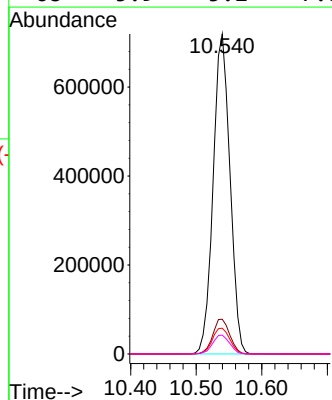
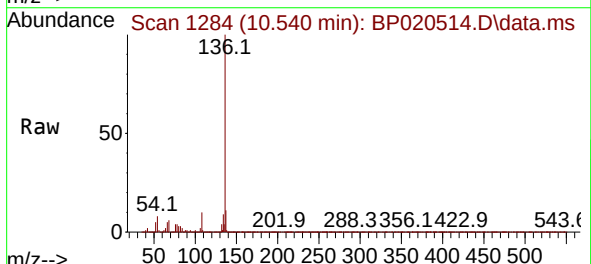
Instrument :
BNA_P
ClientSampleId :
PB161253TB

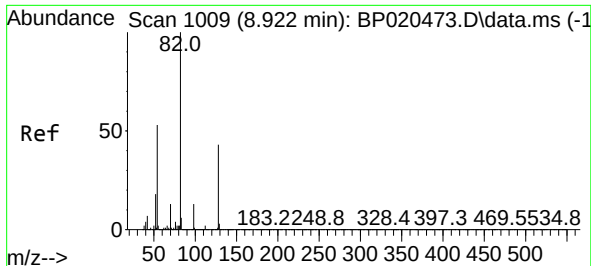
Tgt Ion: 99 Resp: 3395352
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 34.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:136 Resp: 1276819
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.1 7.4 11.0
68 5.9 5.2 7.8

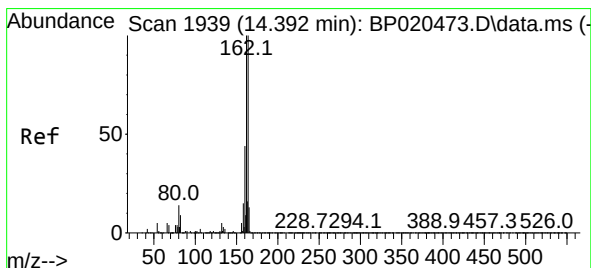
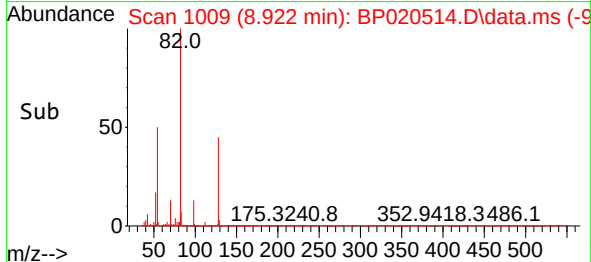
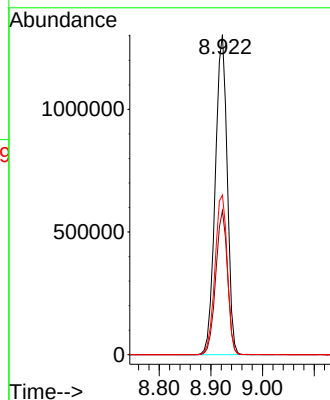
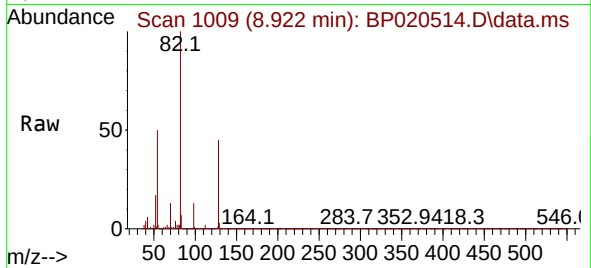




#23
Nitrobenzene-d5
Concen: 89.840 ng
RT: 8.922 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

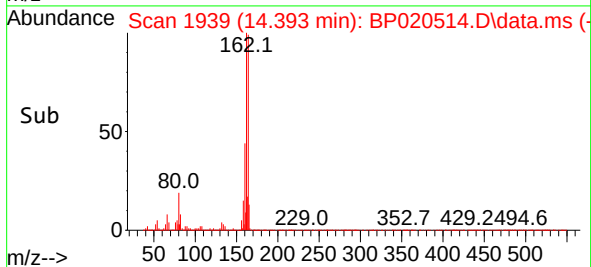
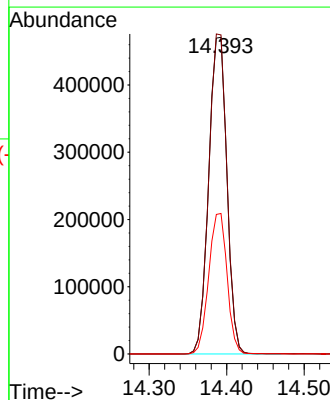
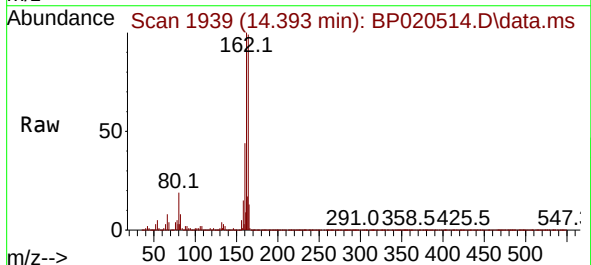
Instrument :
BNA_P
ClientSampleId :
PB161253TB

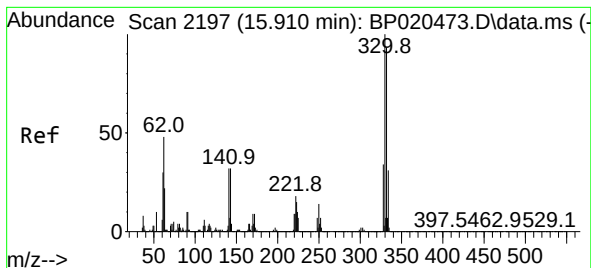
Tgt Ion: 82 Resp: 2095528
Ion Ratio Lower Upper
82 100
128 45.0 34.2 51.4
54 49.9 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BP020514.D
Acq: 05 Jun 2024 12:09

Tgt Ion:164 Resp: 767901
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 44.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 137.879 ng

RT: 15.898 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BP020514.D

Acq: 05 Jun 2024 12:09

Instrument :

BNA_P

ClientSampleId :

PB161253TB

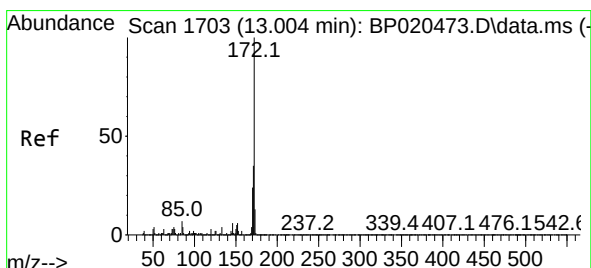
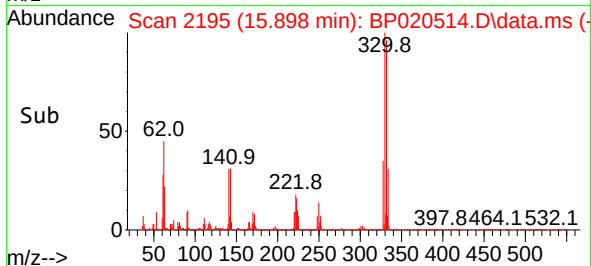
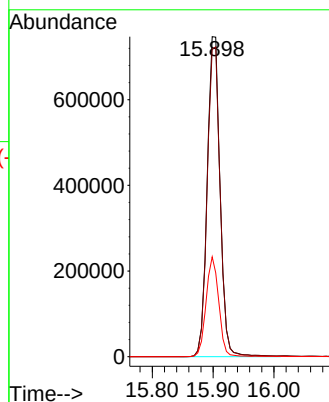
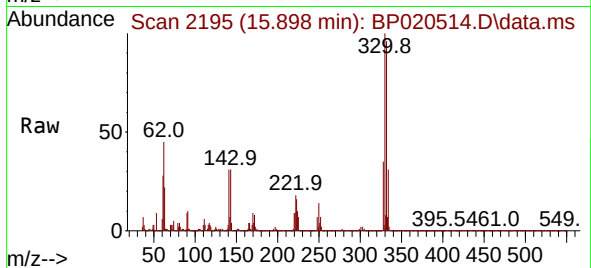
Tgt Ion:330 Resp: 1098803

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

141 30.9 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 90.860 ng

RT: 13.004 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BP020514.D

Acq: 05 Jun 2024 12:09

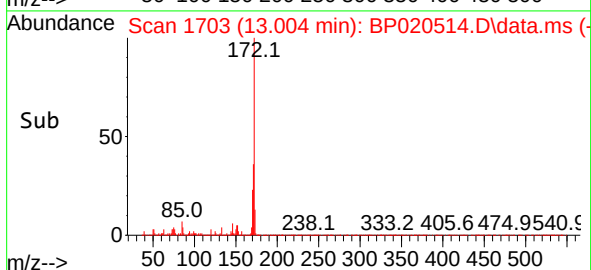
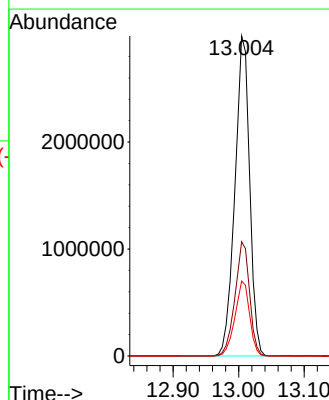
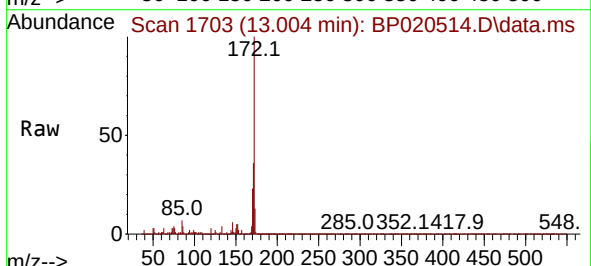
Tgt Ion:172 Resp: 4680373

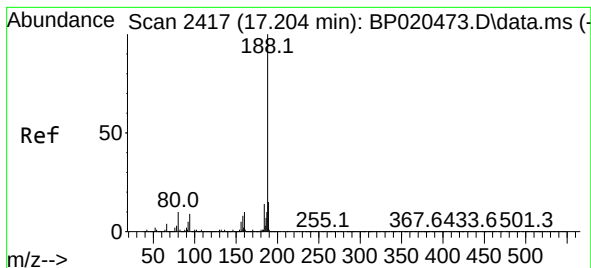
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP020514.D

Acq: 05 Jun 2024 12:09

Instrument :

BNA_P

ClientSampleId :

PB161253TB

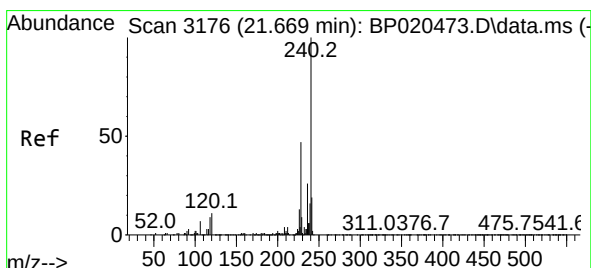
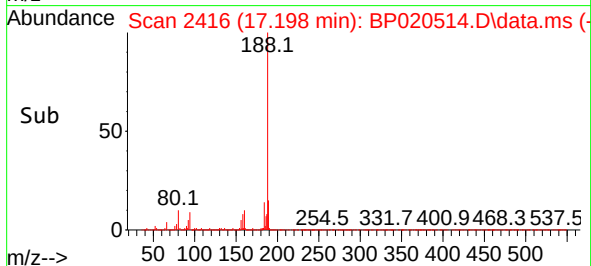
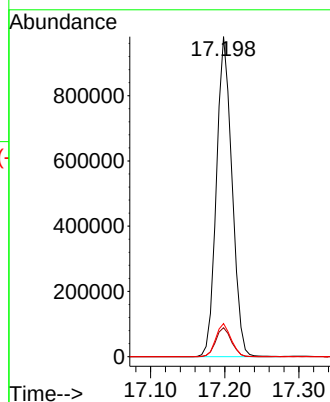
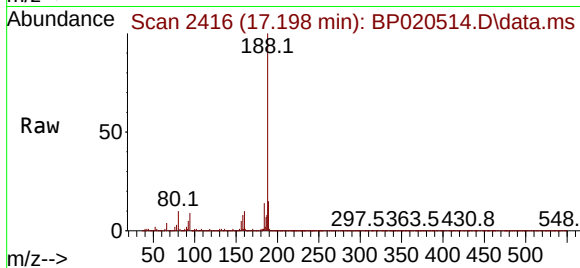
Tgt Ion:188 Resp: 1431190

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 10.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 3173

Delta R.T. -0.018 min

Lab File: BP020514.D

Acq: 05 Jun 2024 12:09

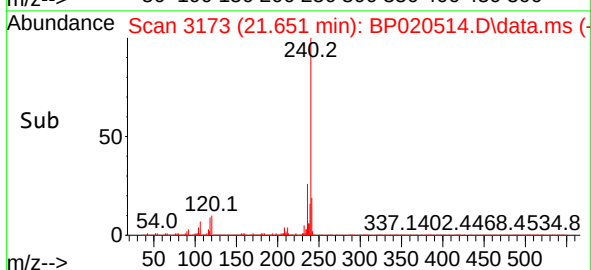
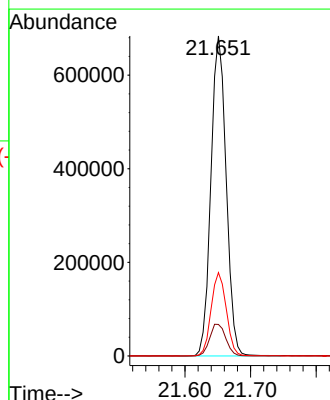
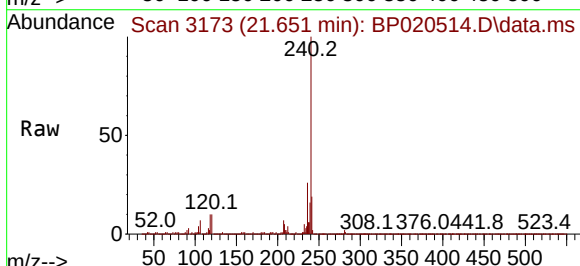
Tgt Ion:240 Resp: 1104903

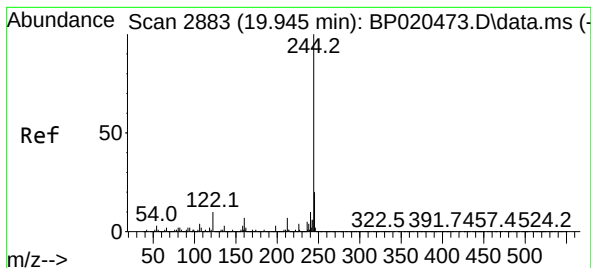
Ion Ratio Lower Upper

240 100

120 9.8 8.5 12.7

236 26.0 20.5 30.7





#79

Terphenyl-d14

Concen: 80.908 ng

RT: 19.945 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020514.D

Acq: 05 Jun 2024 12:09

Instrument :

BNA_P

ClientSampleId :

PB161253TB

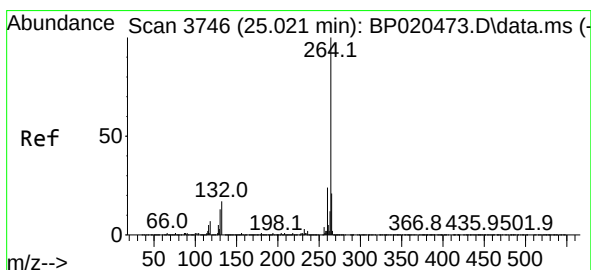
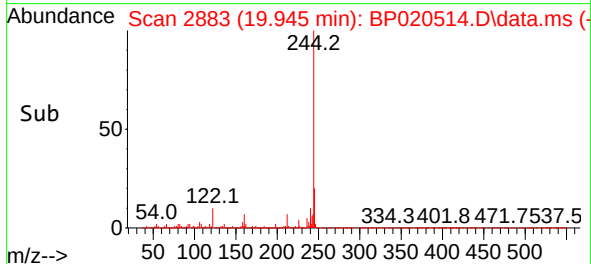
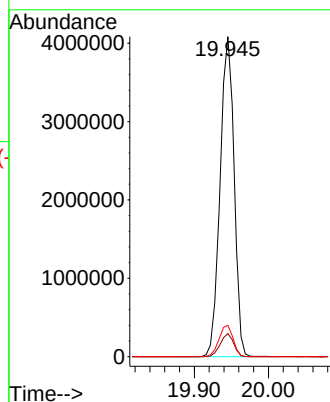
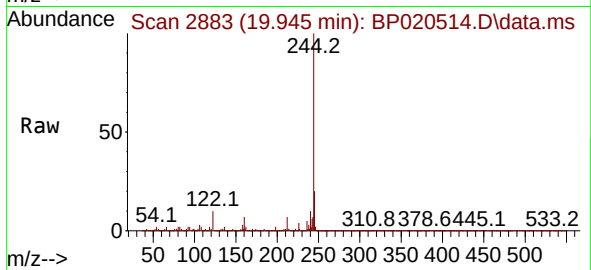
Tgt Ion:244 Resp: 5369977

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.8 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.016 min Scan# 3745

Delta R.T. -0.006 min

Lab File: BP020514.D

Acq: 05 Jun 2024 12:09

Tgt Ion:264 Resp: 1358489

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.5 17.4 26.0

