

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
Data File : BP020616.D
Acq On : 13 Jun 2024 18:06
Operator : MA/JU
Sample : P2864-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-H

Quant Time: Jun 13 18:37:04 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	7.752	152	220557	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	861927	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	563014	20.000	ng	-0.02
64) Phenanthrene-d10	17.187	188	1196240	20.000	ng	-0.02
76) Chrysene-d12	21.645	240	1091666	20.000	ng	-0.02
86) Perylene-d12	24.992	264	1244035	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	1498393	121.638	ng	0.00
7) Phenol-d6	6.928	99	1969437	113.367	ng	0.00
23) Nitrobenzene-d5	8.899	82	1198167	76.094	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	943849	161.535	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	2871229	76.023	ng	-0.02
79) Terphenyl-d14	19.916	244	4466022	68.104	ng	-0.03

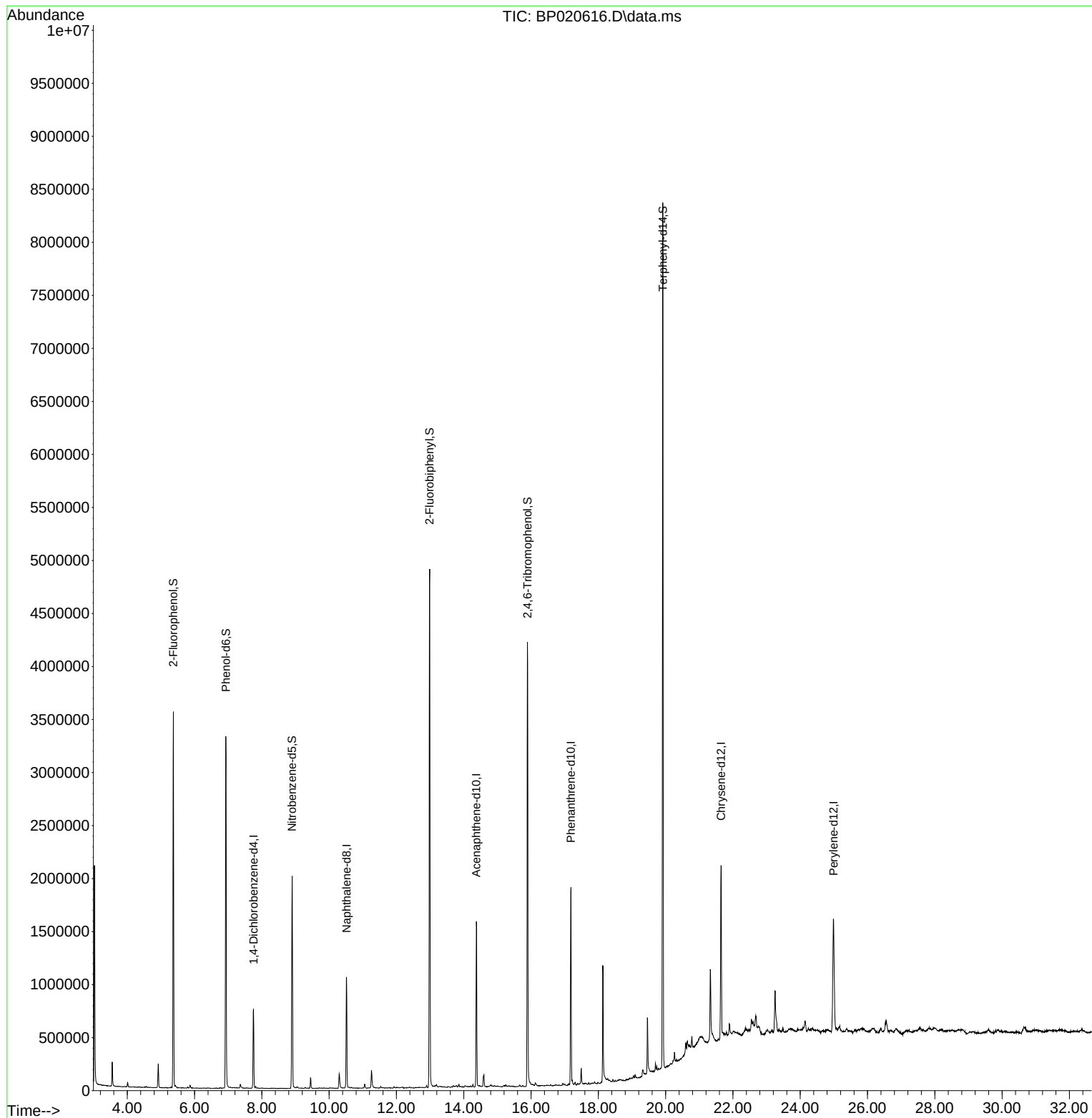
Target Compounds	Qvalue

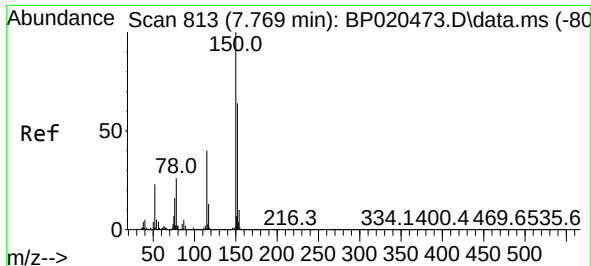
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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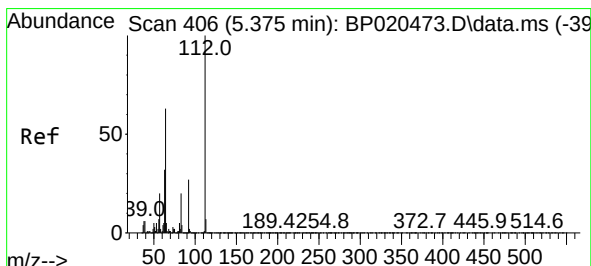
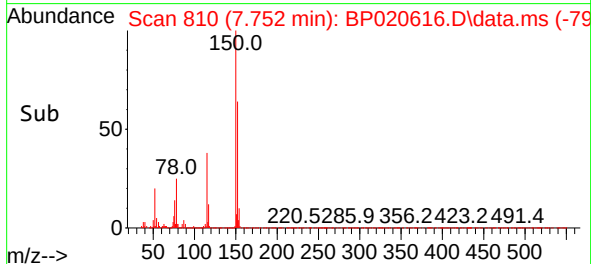
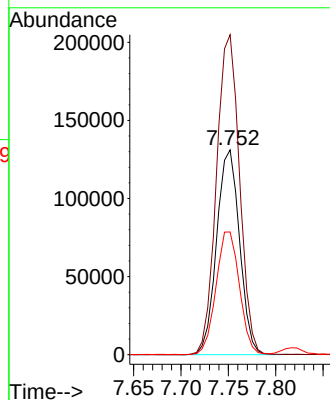
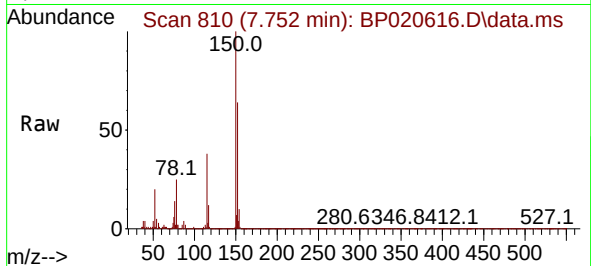




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP020616.D
Acq: 13 Jun 2024 18:06

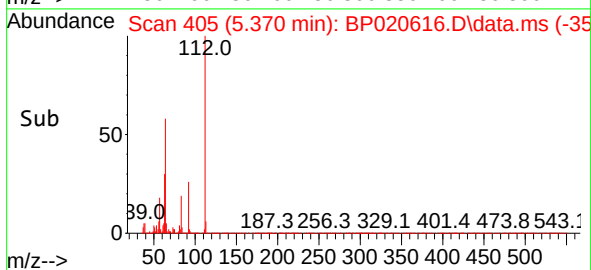
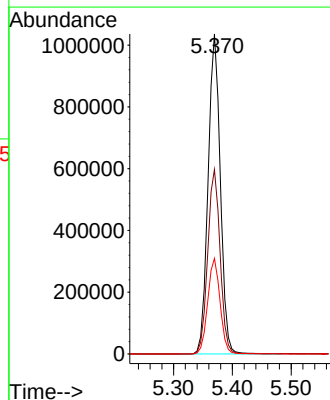
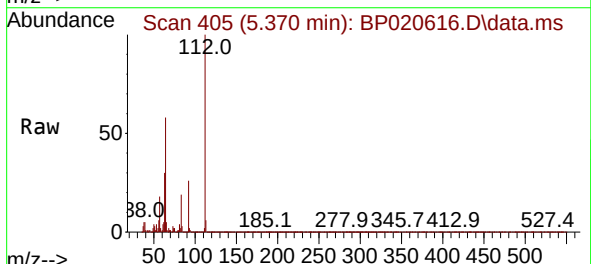
Instrument :
BNA_P
ClientSampleId :
WC-H

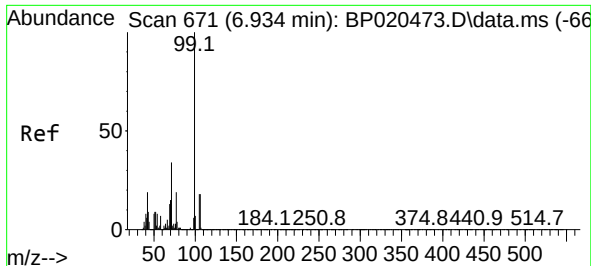
Tgt Ion:152 Resp: 220557
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.2
115 59.9 49.5 74.3



#5
2-Fluorophenol
Concen: 121.638 ng
RT: 5.370 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020616.D
Acq: 13 Jun 2024 18:06

Tgt Ion:112 Resp: 1498393
Ion Ratio Lower Upper
112 100
64 57.7 50.1 75.1
63 29.9 25.7 38.5

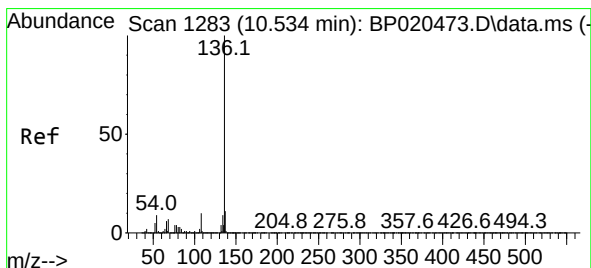
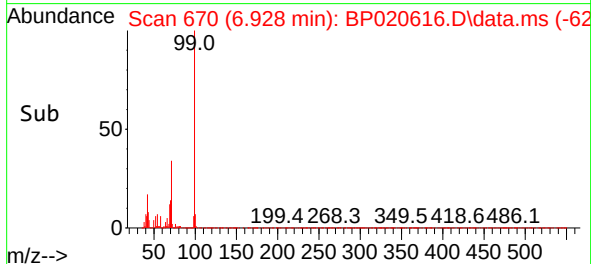
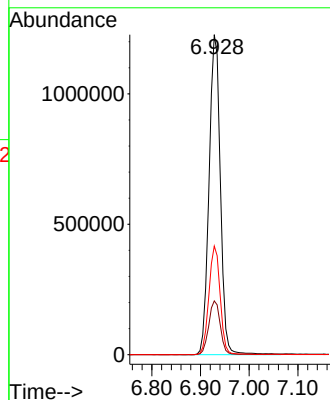
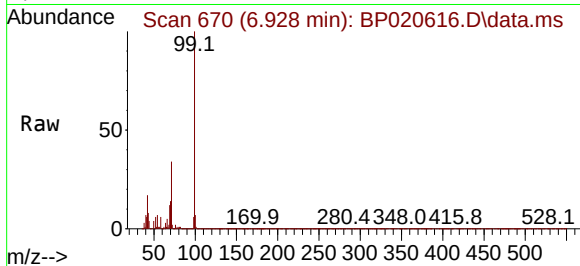




#7
Phenol-d6
Concen: 113.367 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020616.D
Acq: 13 Jun 2024 18:06

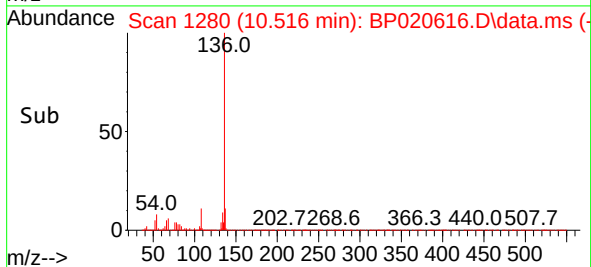
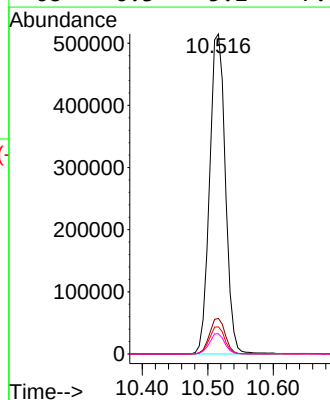
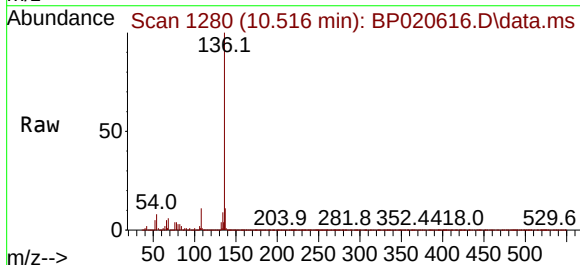
Instrument :
BNA_P
ClientSampleId :
WC-H

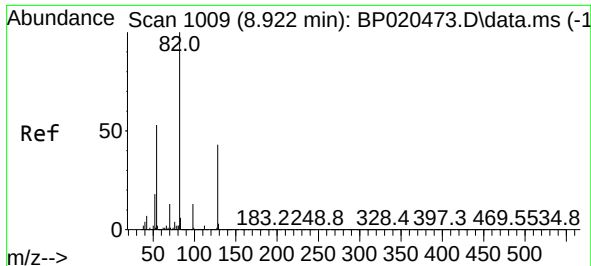
Tgt Ion: 99 Resp: 1969437
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.4
71 34.0 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP020616.D
Acq: 13 Jun 2024 18:06

Tgt Ion:136 Resp: 861927
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.4 7.4 11.0
68 6.3 5.2 7.8

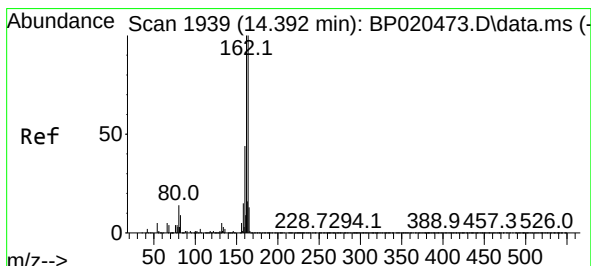
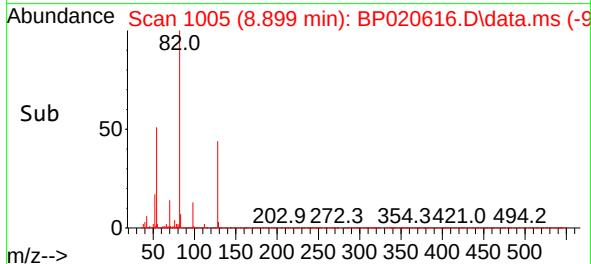
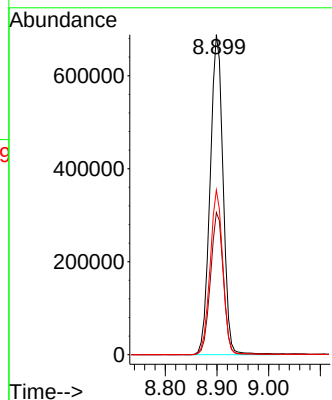
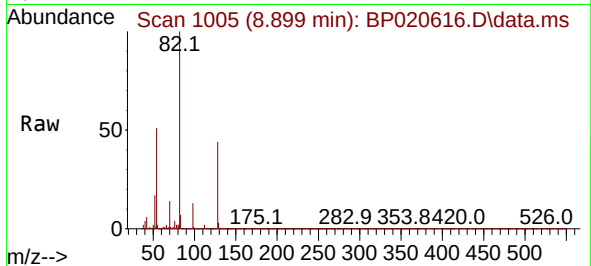




#23
Nitrobenzene-d5
Concen: 76.094 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.023 min
Lab File: BP020616.D
Acq: 13 Jun 2024 18:06

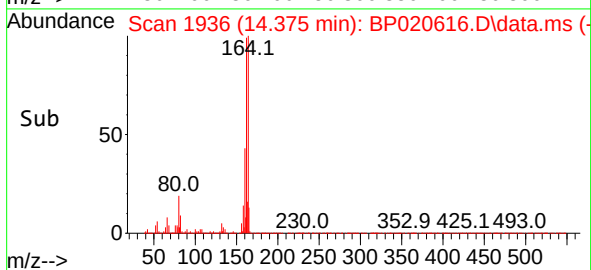
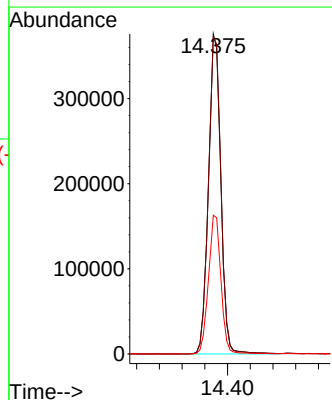
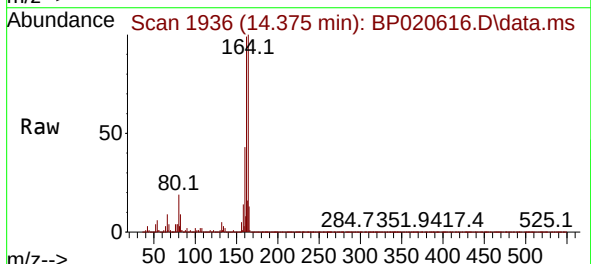
Instrument :
BNA_P
ClientSampleId :
WC-H

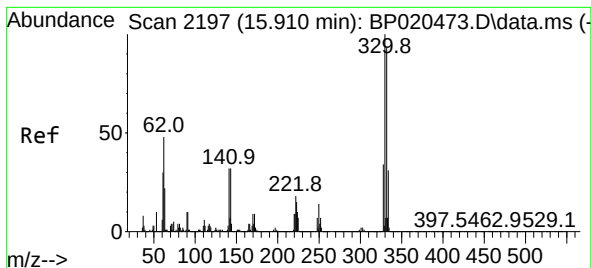
Tgt Ion: 82 Resp: 1198167
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.4
54 51.4 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP020616.D
Acq: 13 Jun 2024 18:06

Tgt Ion:164 Resp: 563014
Ion Ratio Lower Upper
164 100
162 99.3 80.3 120.5
160 43.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 161.535 ng

RT: 15.898 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BP020616.D

Acq: 13 Jun 2024 18:06

Instrument :

BNA_P

ClientSampleId :

WC-H

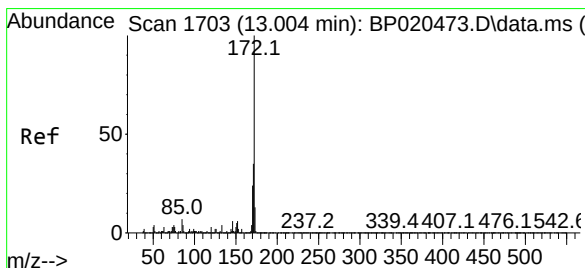
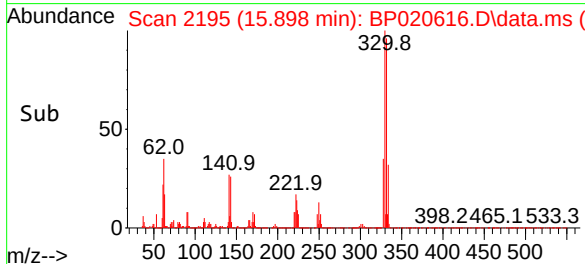
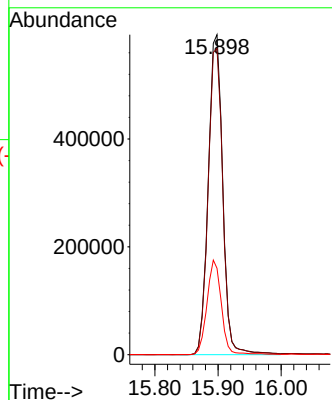
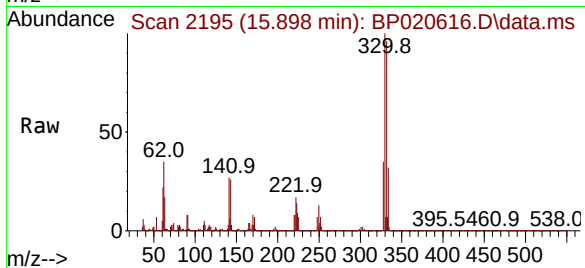
Tgt Ion:330 Resp: 943849

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

141 29.3 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 76.023 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.018 min

Lab File: BP020616.D

Acq: 13 Jun 2024 18:06

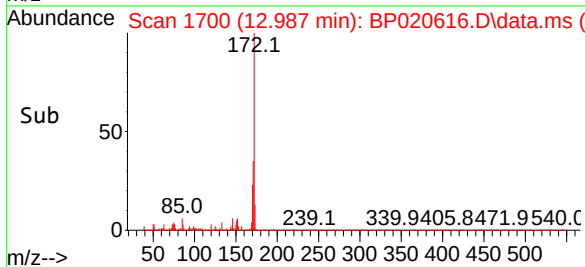
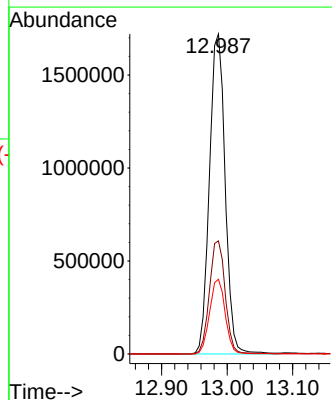
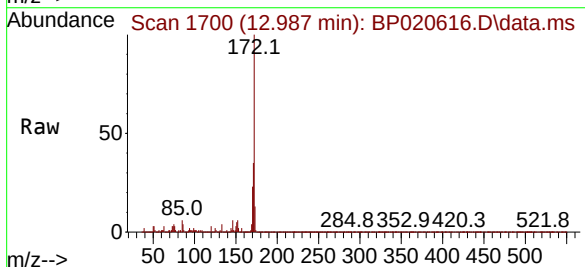
Tgt Ion:172 Resp: 2871229

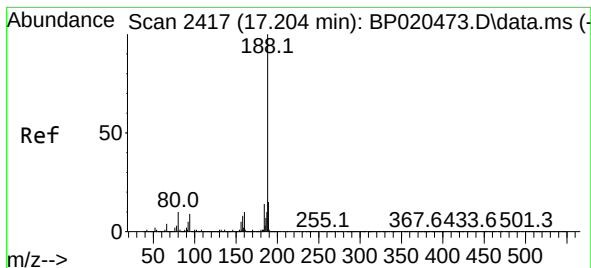
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.187 min Scan# 2414

Delta R.T. -0.018 min

Lab File: BP020616.D

Acq: 13 Jun 2024 18:06

Instrument :

BNA_P

ClientSampleId :

WC-H

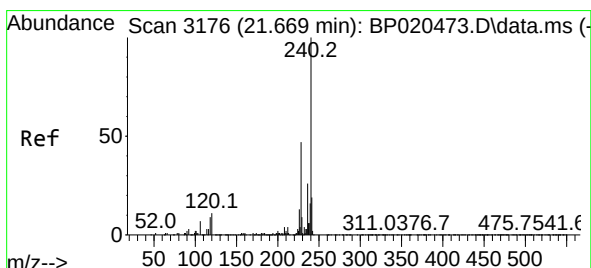
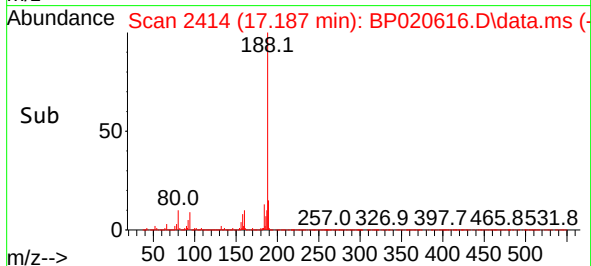
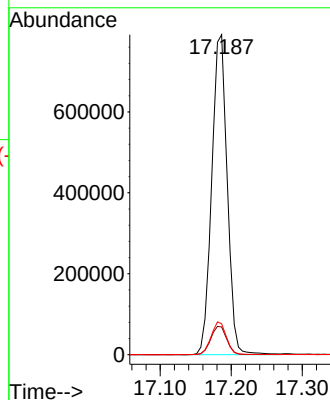
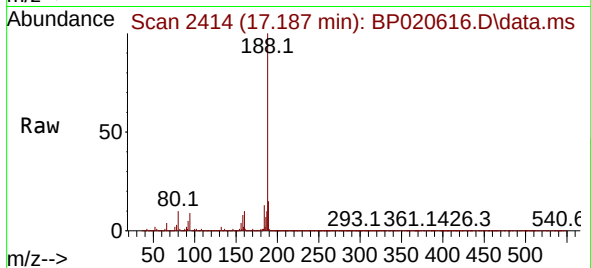
Tgt Ion:188 Resp: 1196240

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 9.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 3172

Delta R.T. -0.023 min

Lab File: BP020616.D

Acq: 13 Jun 2024 18:06

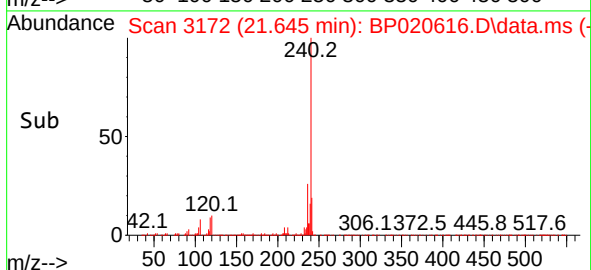
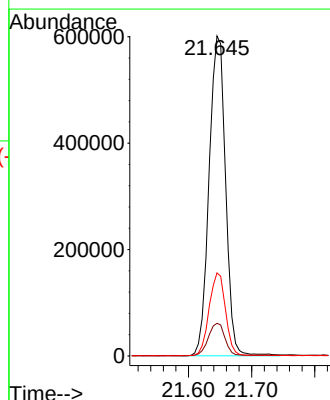
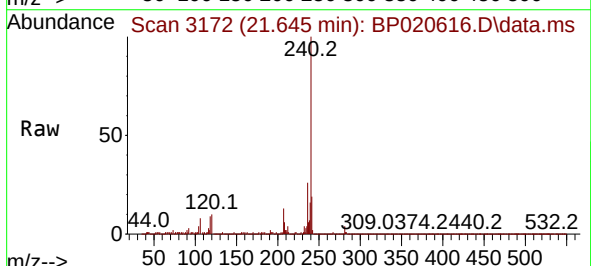
Tgt Ion:240 Resp: 1091666

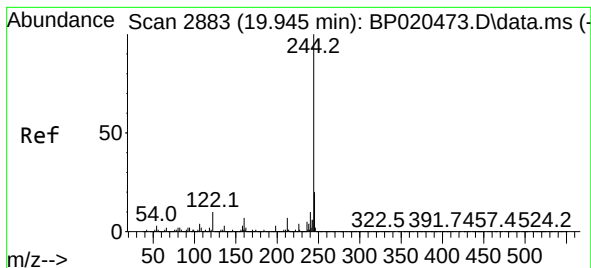
Ion Ratio Lower Upper

240 100

120 10.2 8.5 12.7

236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 68.104 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP020616.D

Acq: 13 Jun 2024 18:06

Instrument :

BNA_P

ClientSampleId :

WC-H

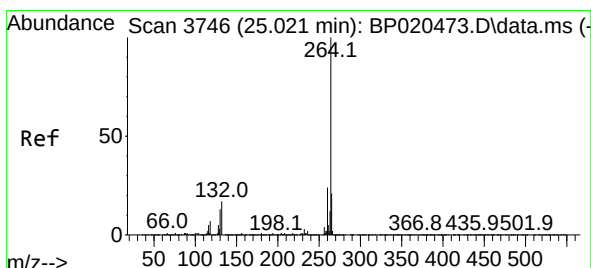
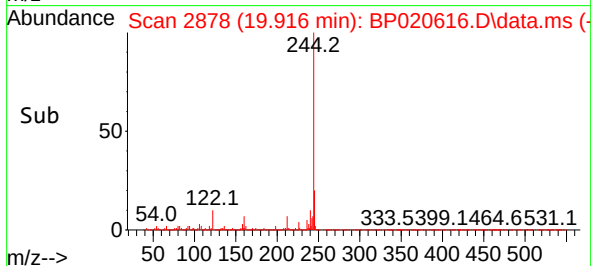
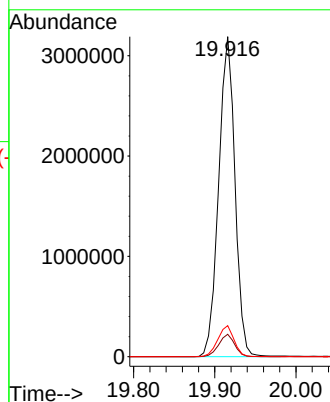
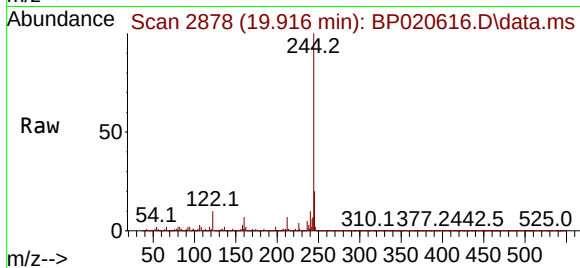
Tgt Ion:244 Resp: 4466022

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.992 min Scan# 3741

Delta R.T. -0.029 min

Lab File: BP020616.D

Acq: 13 Jun 2024 18:06

Tgt Ion:264 Resp: 1244035

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.2 17.4 26.0

