

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019654.D
 Acq On : 10 Feb 2024 03:30
 Operator : MA/JU
 Sample : P1389-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-2

Quant Time: Feb 10 03:56:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	99810	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	371603	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	217699	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	461129	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	499323	20.000	ng	0.00
86) Perylene-d12	23.804	264	576344	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	537169	86.752	ng	0.00
7) Phenol-d6	7.081	99	717527	85.941	ng	0.00
23) Nitrobenzene-d5	9.075	82	488410	56.952	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	318978	100.353	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1025879	58.256	ng	-0.01
79) Terphenyl-d14	19.863	244	1645401	54.192	ng	0.00

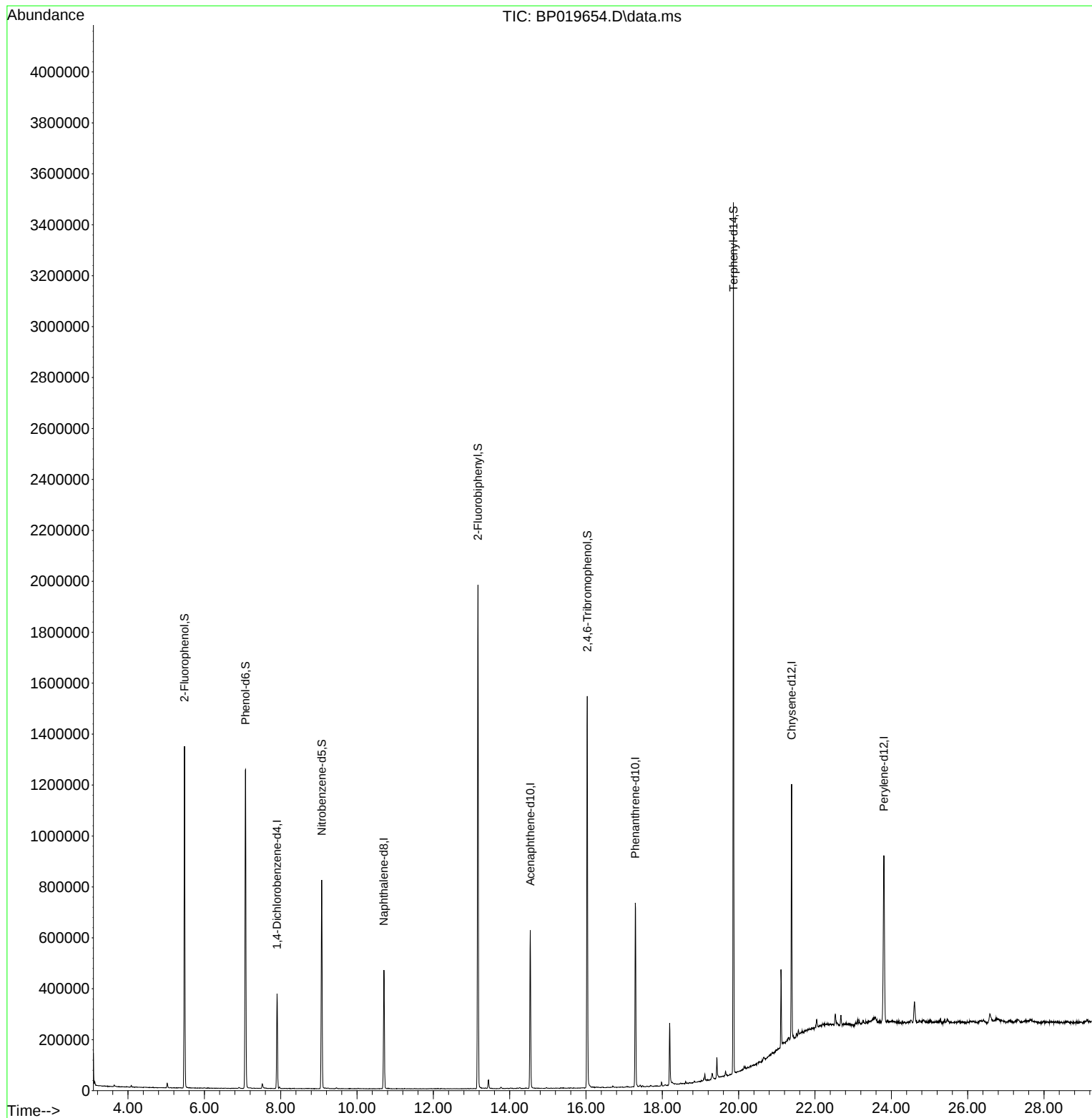
Target Compounds	Qvalue

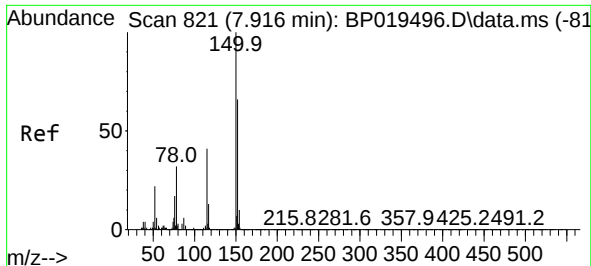
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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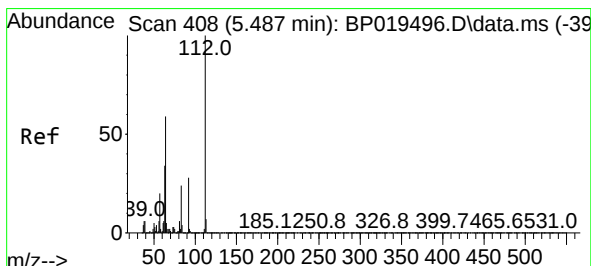
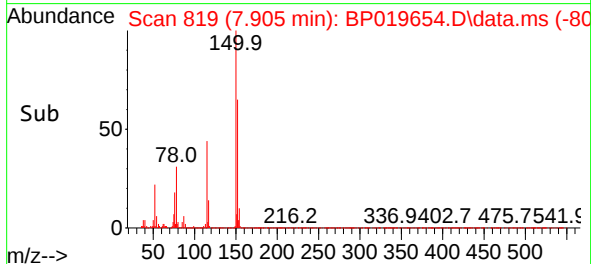
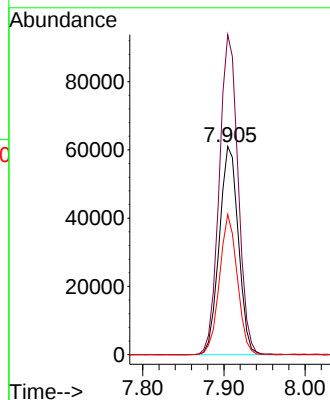
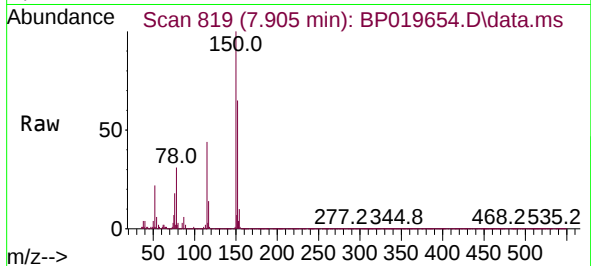




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019654.D
Acq: 10 Feb 2024 03:30

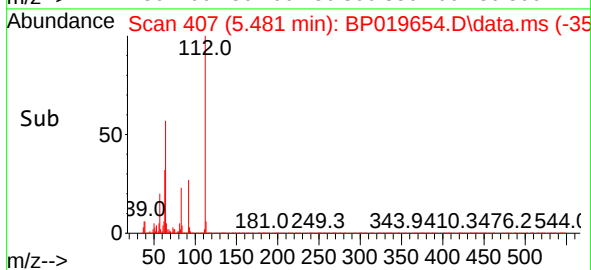
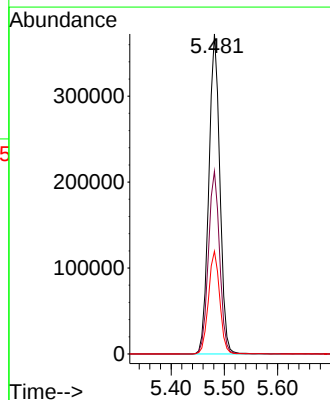
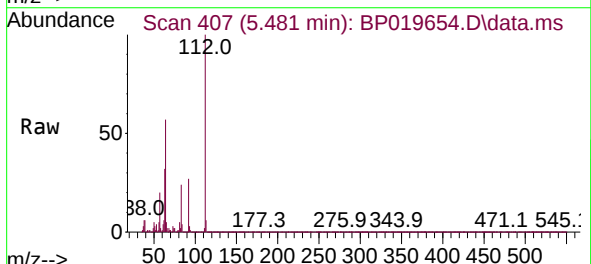
Instrument :
BNA_P
ClientSampleId :
WC-2

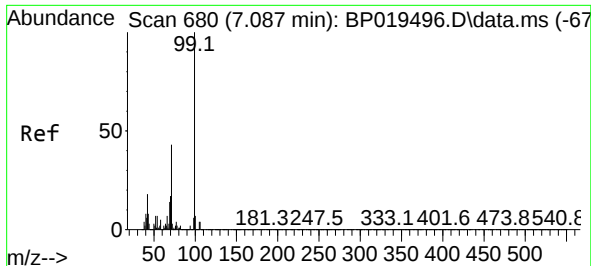
Tgt Ion:152 Resp: 99810
Ion Ratio Lower Upper
152 100
150 153.6 121.8 182.8
115 67.3 49.9 74.9



#5
2-Fluorophenol
Concen: 86.752 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019654.D
Acq: 10 Feb 2024 03:30

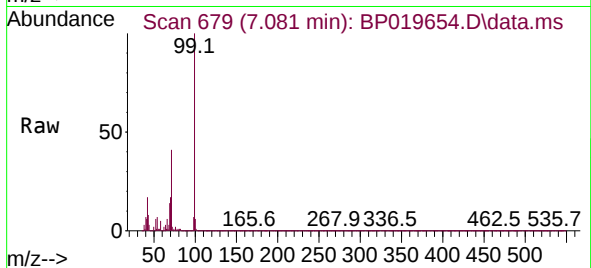
Tgt Ion:112 Resp: 537169
Ion Ratio Lower Upper
112 100
64 57.1 47.4 71.0
63 32.1 27.0 40.6



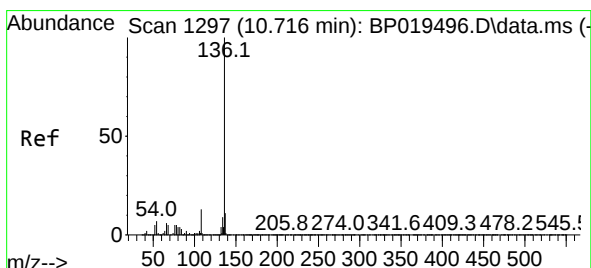
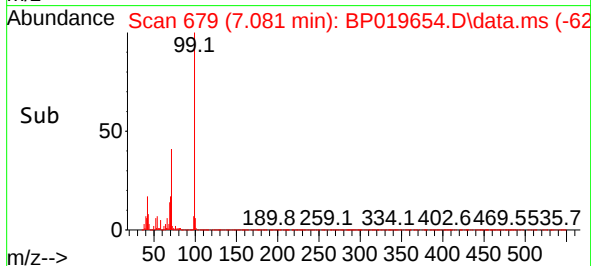
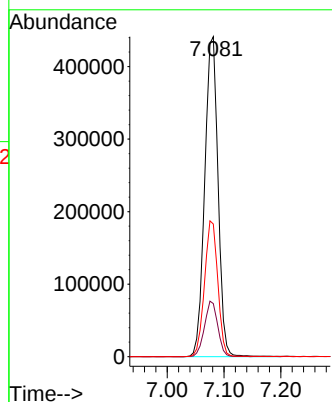


#7
Phenol-d6
Concen: 85.941 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019654.D
Acq: 10 Feb 2024 03:30

Instrument :
BNA_P
ClientSampleId :
WC-2

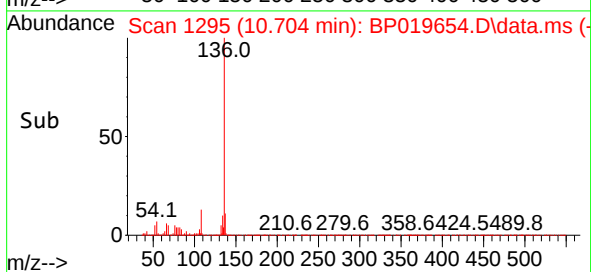
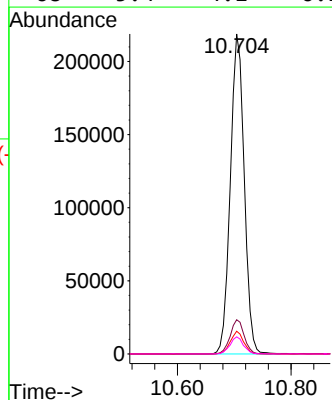
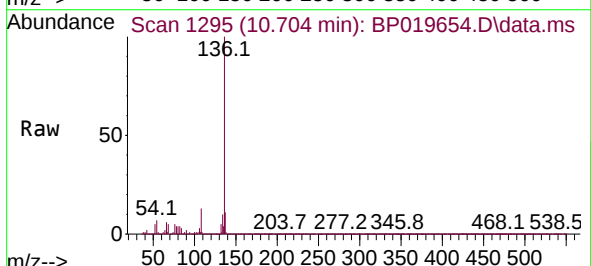


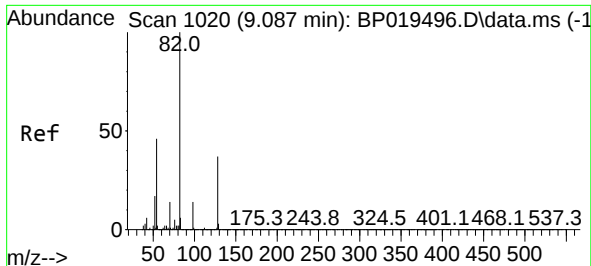
Tgt Ion: 99 Resp: 717527
Ion Ratio Lower Upper
99 100
42 16.6 14.7 22.1
71 41.5 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019654.D
Acq: 10 Feb 2024 03:30

Tgt Ion: 136 Resp: 371603
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.1 5.3 7.9
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 56.952 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

Instrument :

BNA_P

ClientSampleId :

WC-2

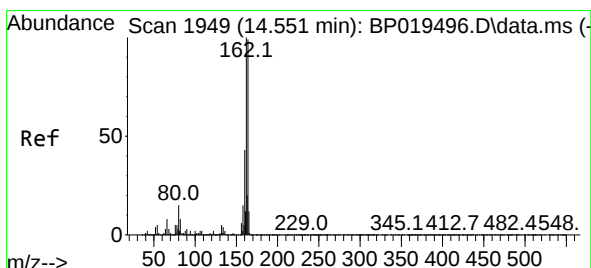
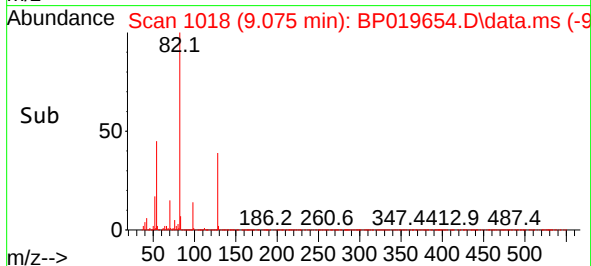
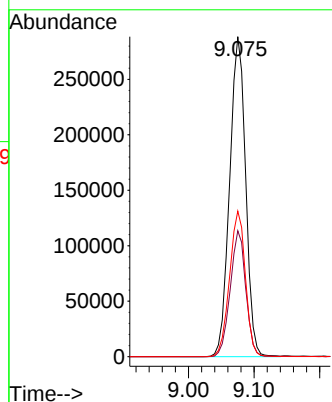
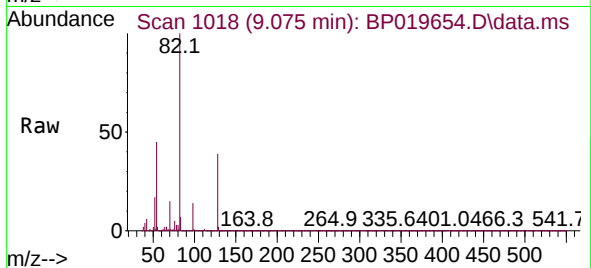
Tgt Ion: 82 Resp: 488410

Ion Ratio Lower Upper

82 100

128 39.4 29.7 44.5

54 45.5 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

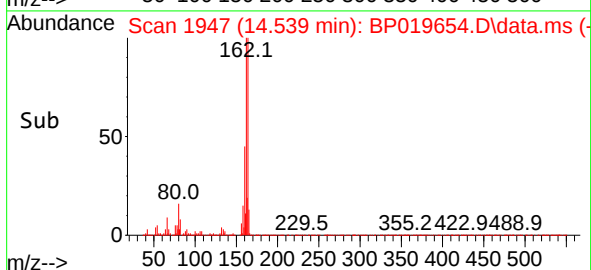
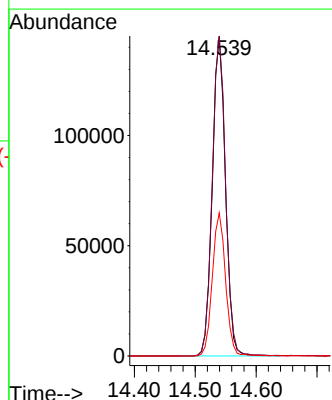
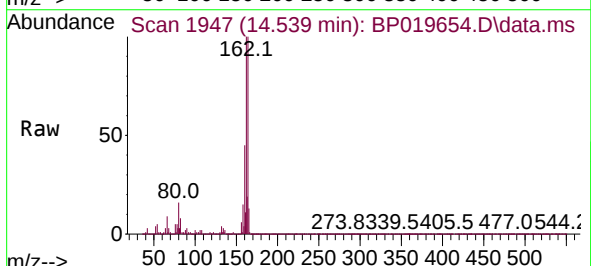
Tgt Ion:164 Resp: 217699

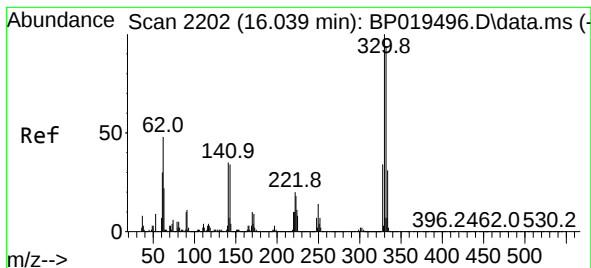
Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

160 44.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 100.353 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

Instrument :

BNA_P

ClientSampleId :

WC-2

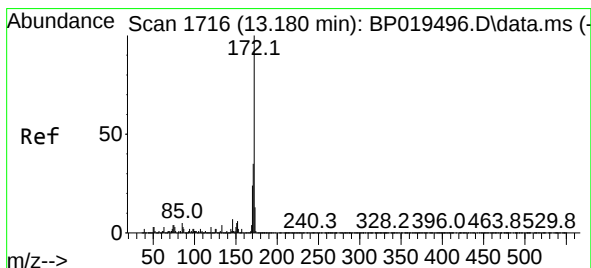
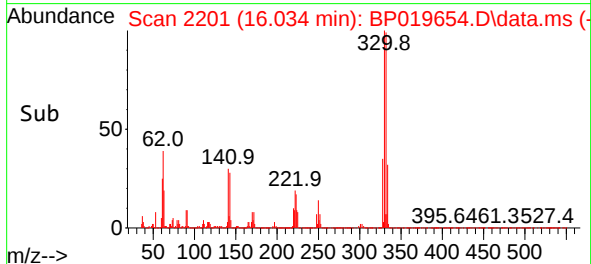
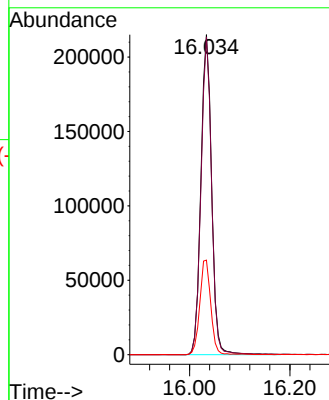
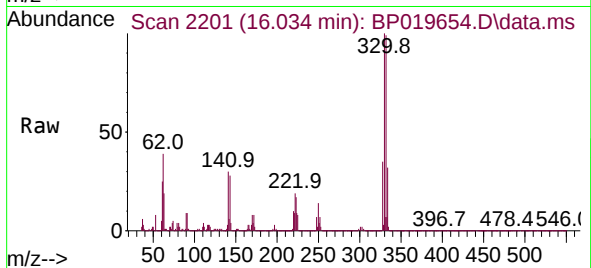
Tgt Ion:330 Resp: 318978

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

141 30.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 58.256 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

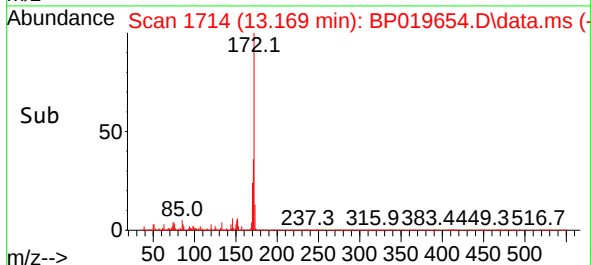
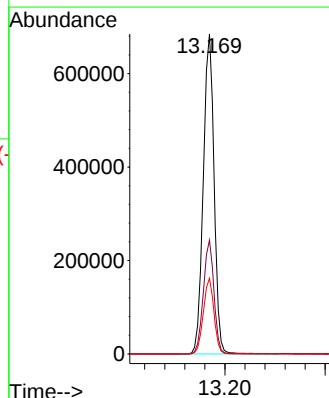
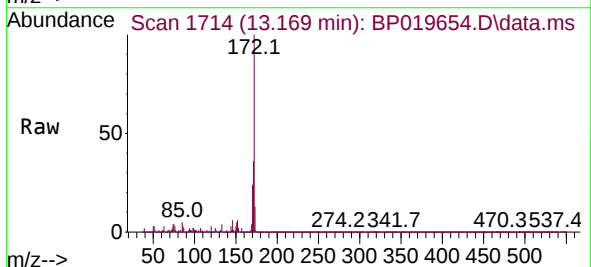
Tgt Ion:172 Resp: 1025879

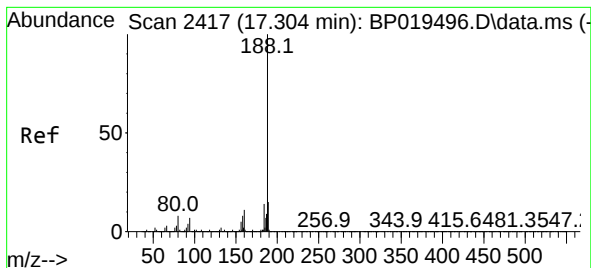
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

Instrument :

BNA_P

ClientSampleId :

WC-2

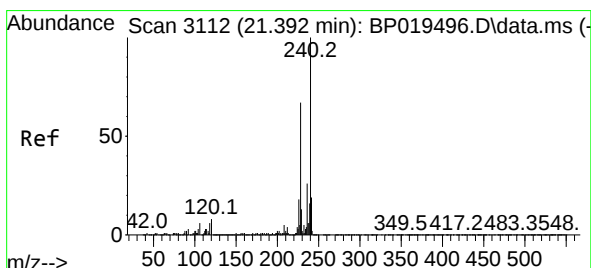
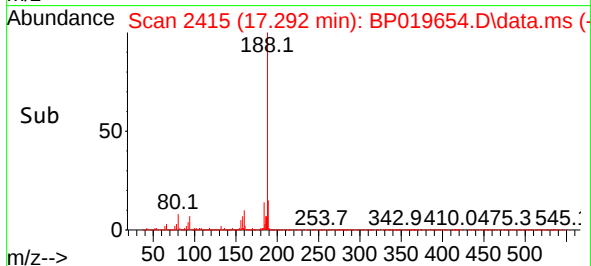
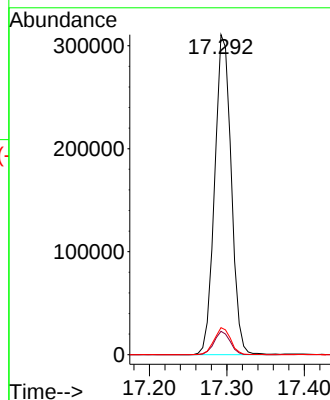
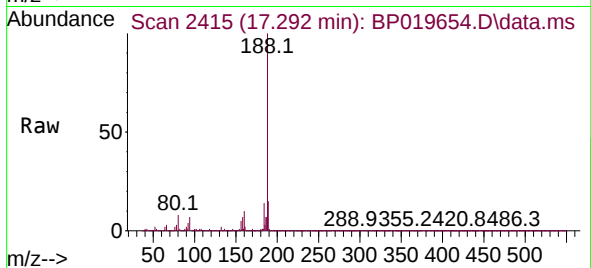
Tgt Ion:188 Resp: 461129

Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.4 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

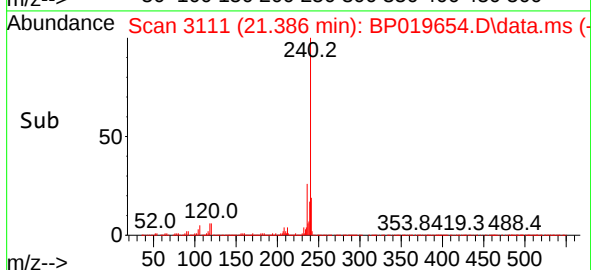
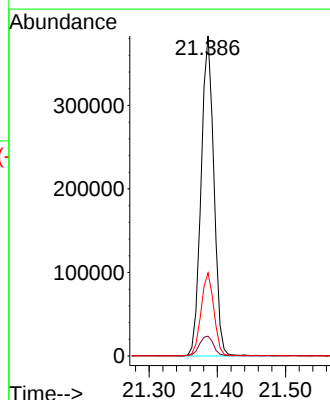
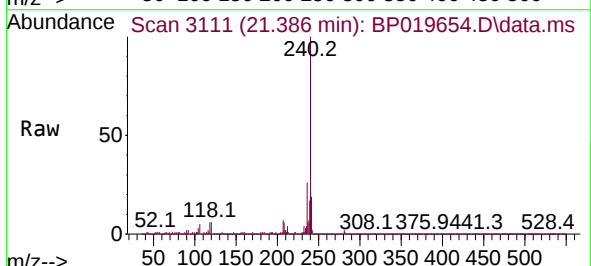
Tgt Ion:240 Resp: 499323

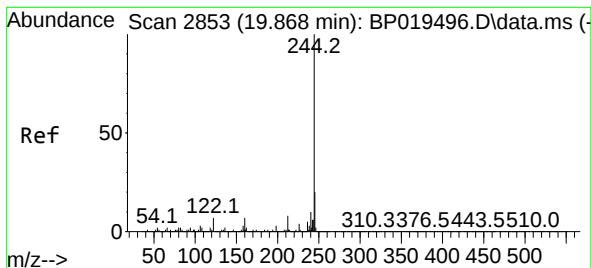
Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 54.192 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

Instrument :

BNA_P

ClientSampleId :

WC-2

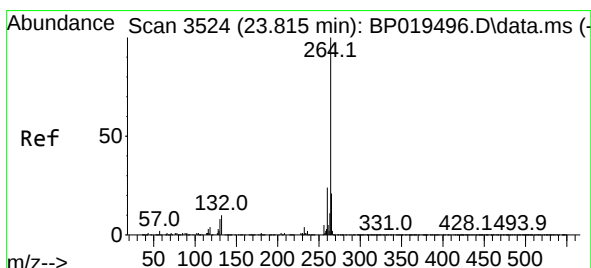
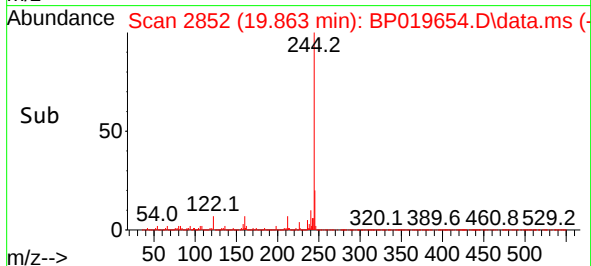
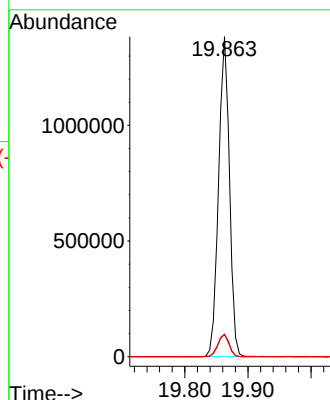
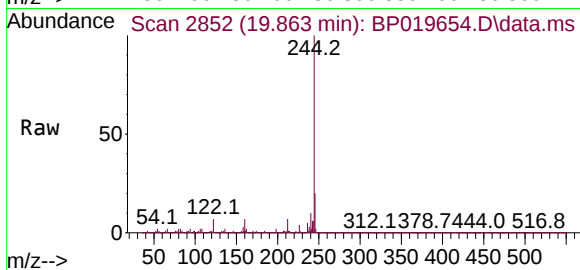
Tgt Ion:244 Resp: 1645401

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.9 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

Tgt Ion:264 Resp: 576344

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.5 17.0 25.4

