

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
Data File : BP019644.D
Acq On : 09 Feb 2024 21:50
Operator : MA/JU
Sample : P1389-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

Quant Time: Feb 10 00:54:13 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	7.904	152	73210	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	268898	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	161511	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	347180	20.000	ng	0.00
76) Chrysene-d12	21.386	240	373155	20.000	ng	0.00
86) Perylene-d12	23.804	264	450225	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	495203	109.033	ng	0.00
7) Phenol-d6	7.081	99	659875	107.753	ng	0.00
23) Nitrobenzene-d5	9.075	82	454519	73.243	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	302774	128.393	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	974216	74.568	ng	-0.01
79) Terphenyl-d14	19.863	244	1637367	72.161	ng	0.00

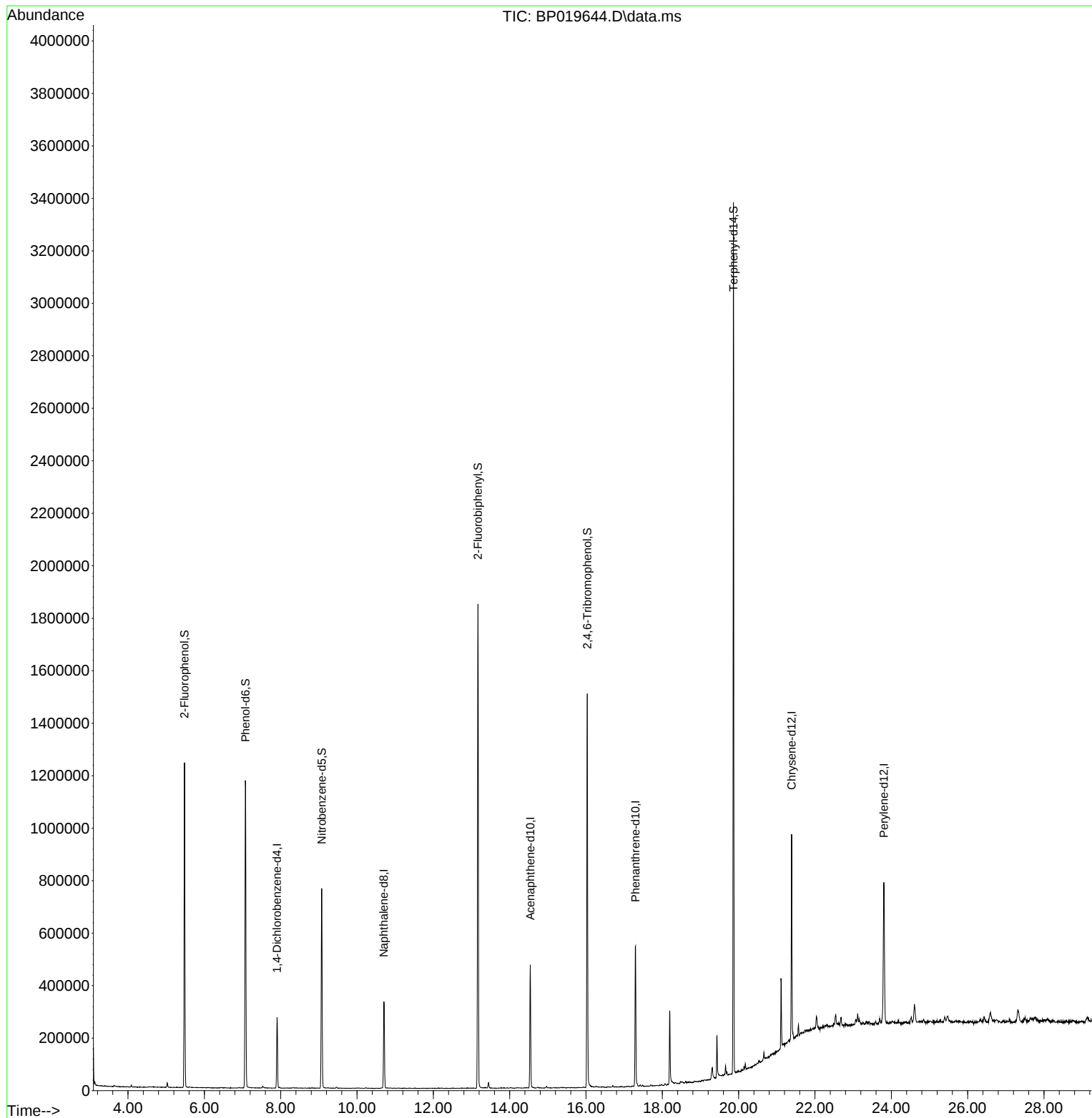
Target Compounds	Qvalue

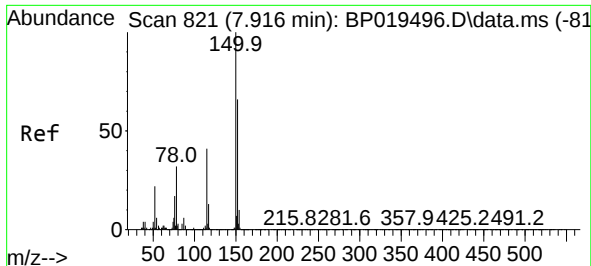
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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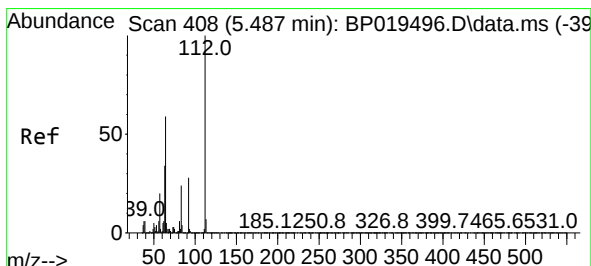
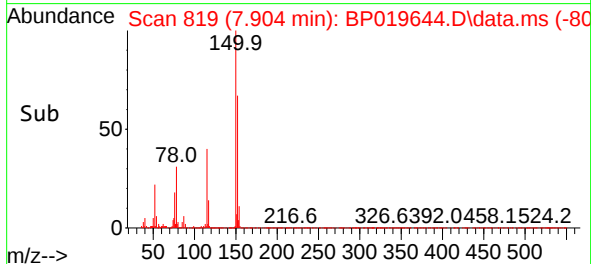
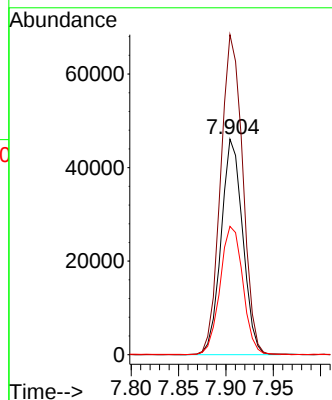
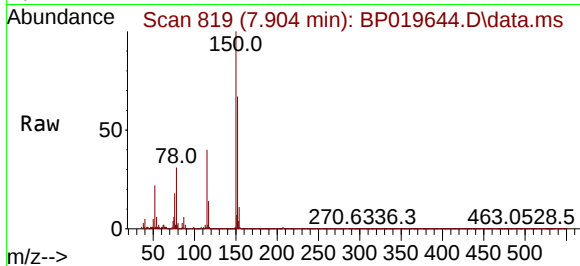




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019644.D
Acq: 09 Feb 2024 21:50

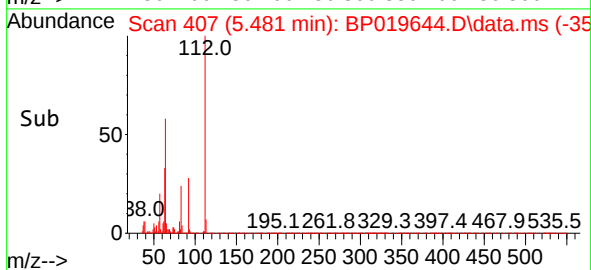
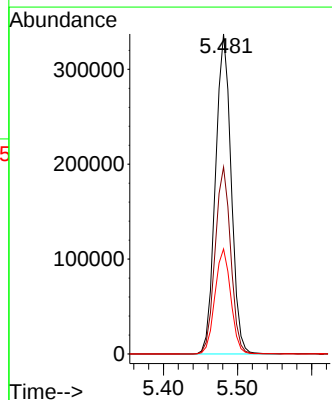
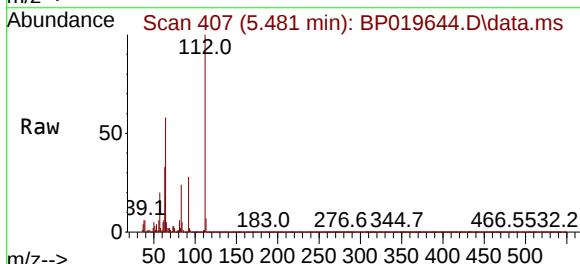
Instrument :
BNA_P
ClientSampleId :
WC-4

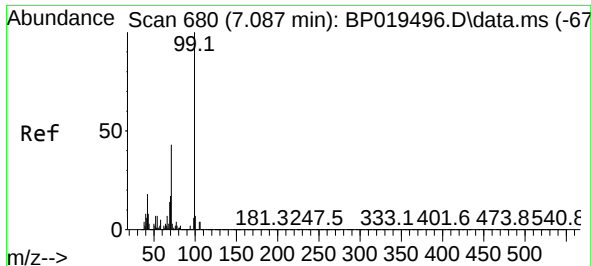
Tgt Ion:152 Resp: 73210
Ion Ratio Lower Upper
152 100
150 148.4 121.8 182.8
115 59.6 49.9 74.9



#5
2-Fluorophenol
Concen: 109.033 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019644.D
Acq: 09 Feb 2024 21:50

Tgt Ion:112 Resp: 495203
Ion Ratio Lower Upper
112 100
64 58.4 47.4 71.0
63 32.8 27.0 40.6

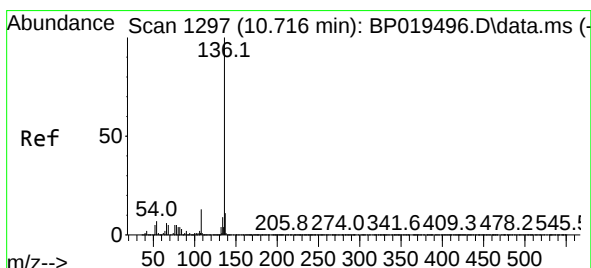
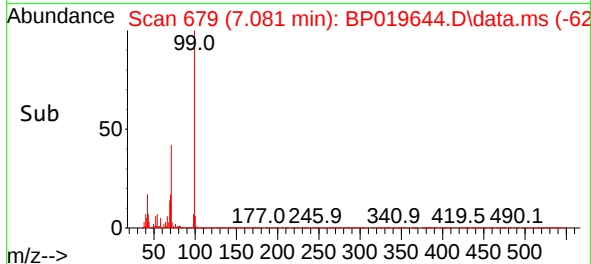
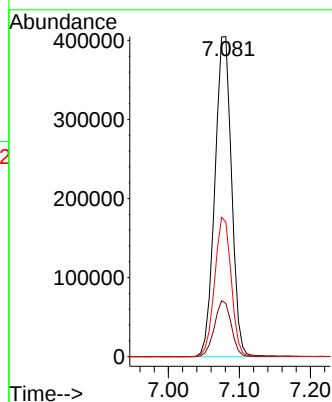
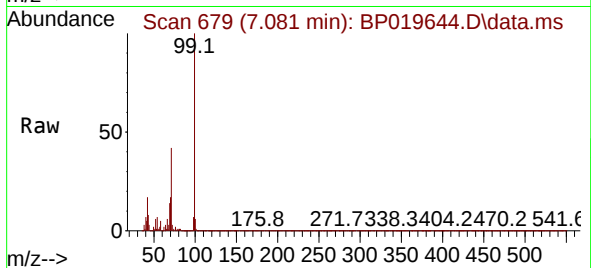




#7
Phenol-d6
Concen: 107.753 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019644.D
Acq: 09 Feb 2024 21:50

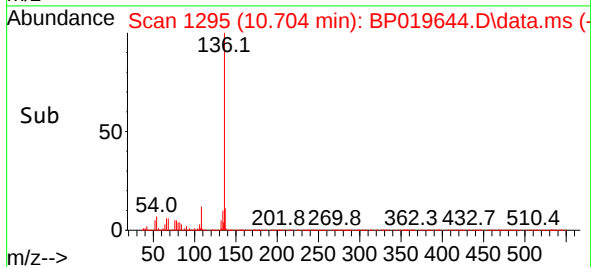
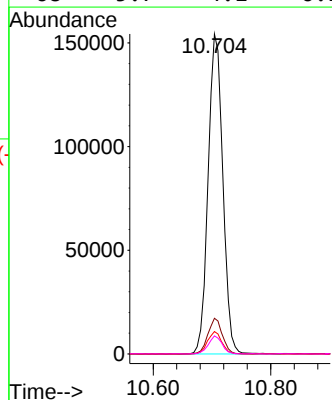
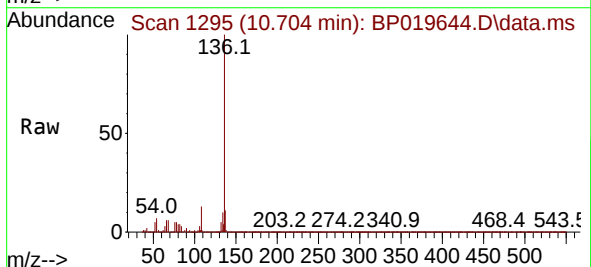
Instrument :
BNA_P
ClientSampleId :
WC-4

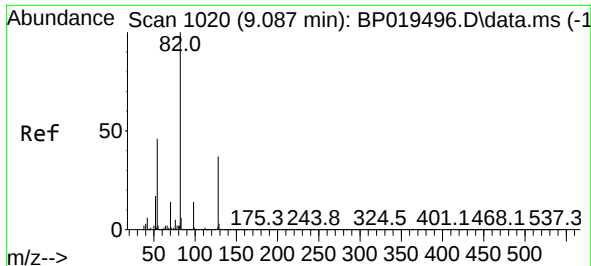
Tgt Ion: 99 Resp: 659875
Ion Ratio Lower Upper
99 100
42 16.7 14.7 22.1
71 42.1 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019644.D
Acq: 09 Feb 2024 21:50

Tgt Ion: 136 Resp: 268898
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.3 7.9
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 73.243 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019644.D

Acq: 09 Feb 2024 21:50

Instrument :

BNA_P

ClientSampleId :

WC-4

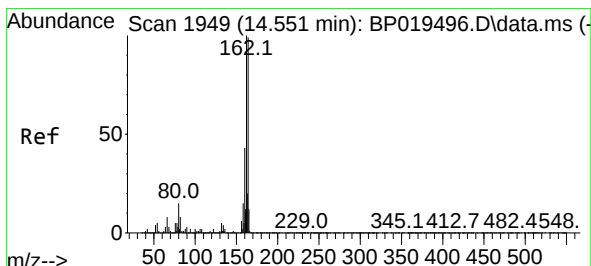
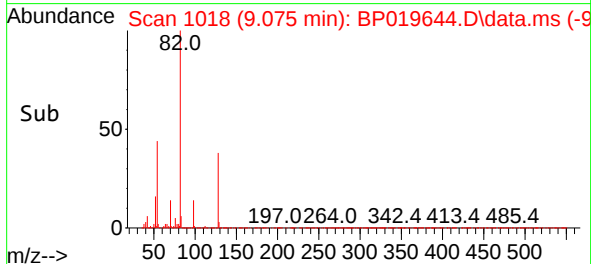
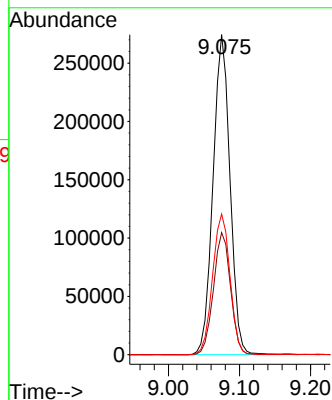
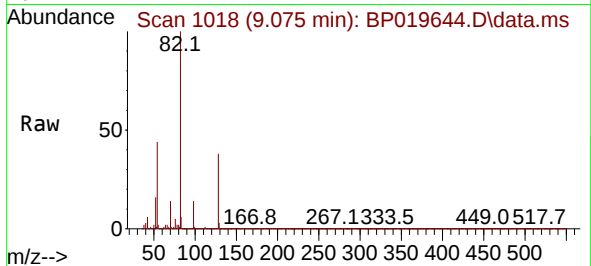
Tgt Ion: 82 Resp: 454519

Ion Ratio Lower Upper

82 100

128 38.2 29.7 44.5

54 44.0 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: BP019644.D

Acq: 09 Feb 2024 21:50

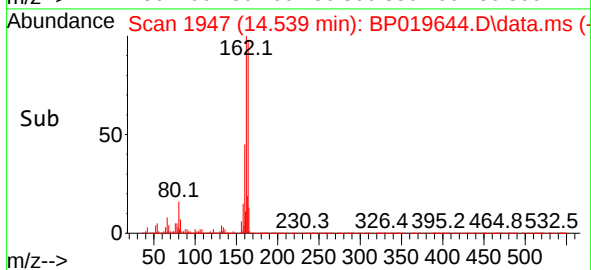
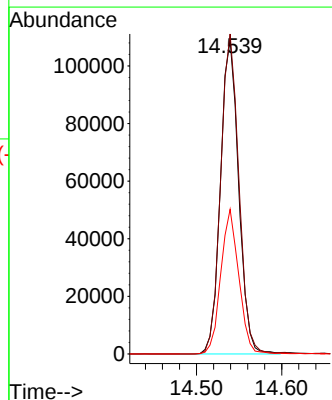
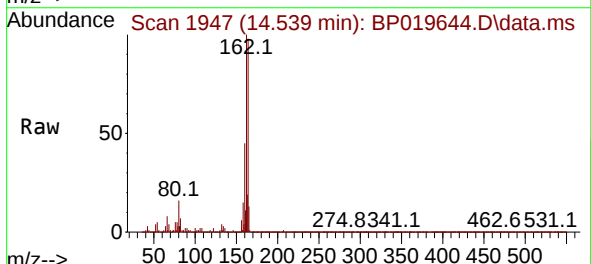
Tgt Ion: 164 Resp: 161511

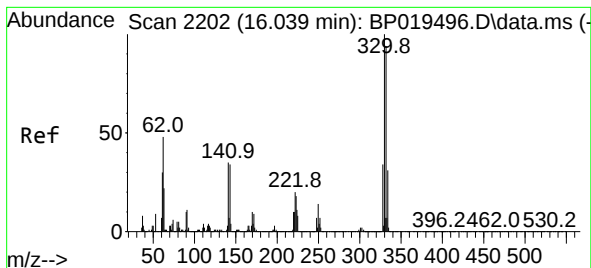
Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

160 46.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 128.393 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019644.D

Acq: 09 Feb 2024 21:50

Instrument :

BNA_P

ClientSampleId :

WC-4

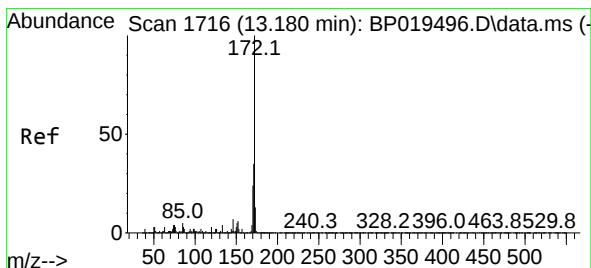
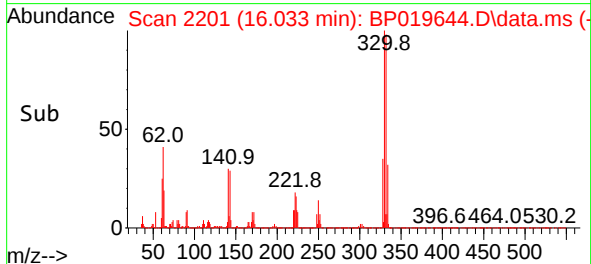
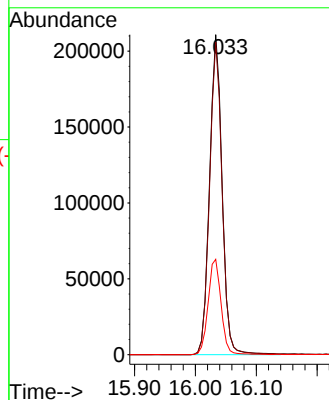
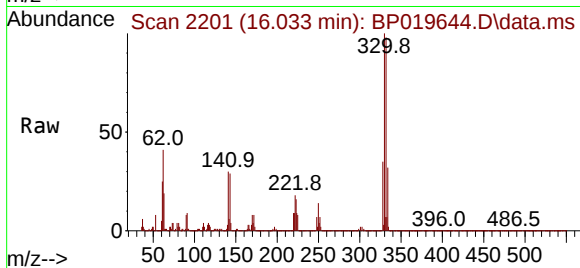
Tgt Ion:330 Resp: 302774

Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 30.8 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 74.568 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019644.D

Acq: 09 Feb 2024 21:50

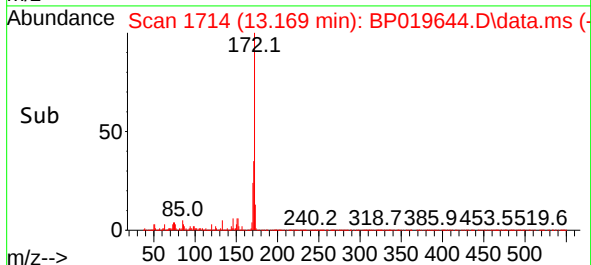
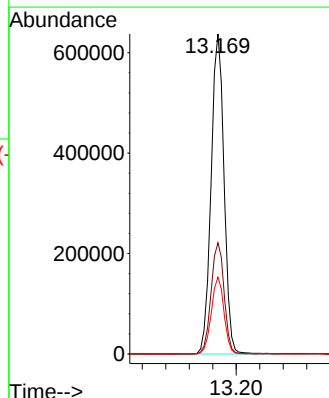
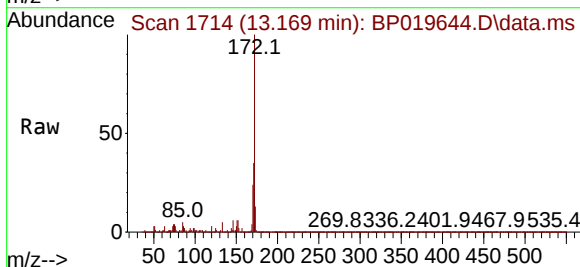
Tgt Ion:172 Resp: 974216

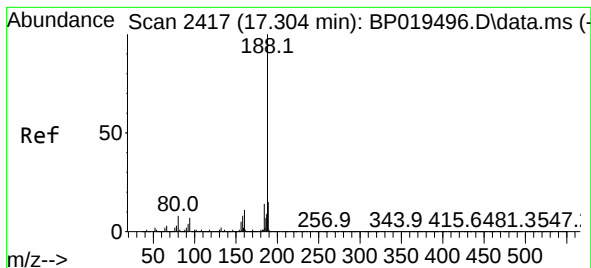
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 24.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019644.D

Acq: 09 Feb 2024 21:50

Instrument :

BNA_P

ClientSampleId :

WC-4

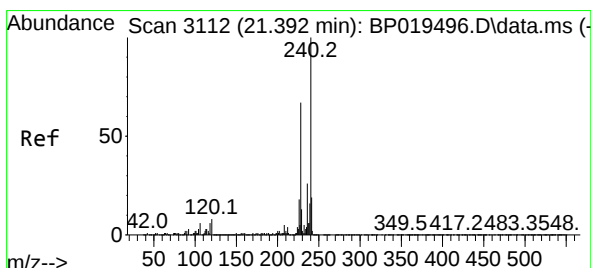
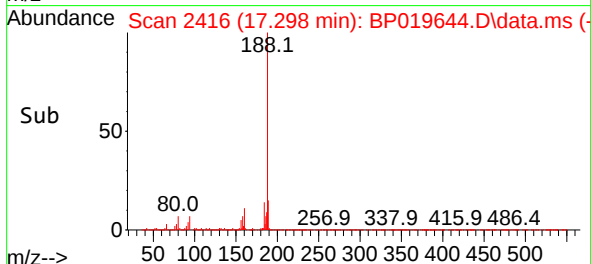
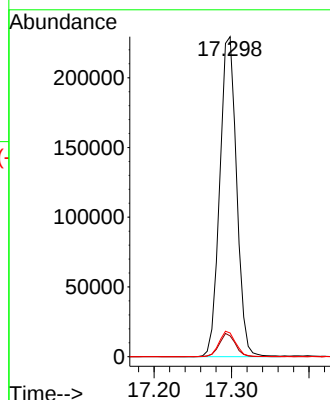
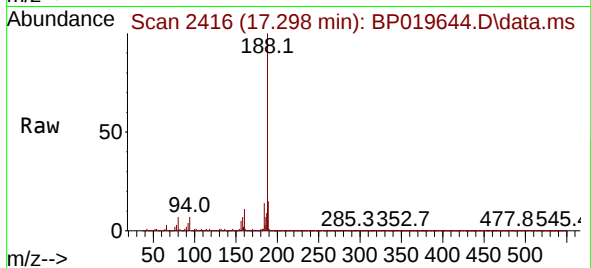
Tgt Ion:188 Resp: 347180

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.4 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: BP019644.D

Acq: 09 Feb 2024 21:50

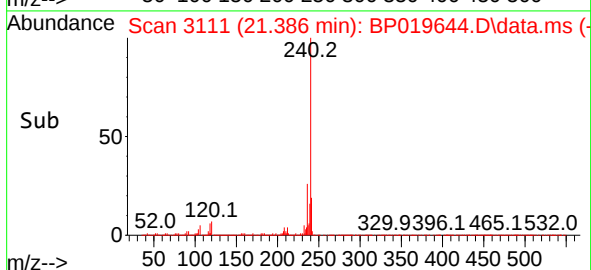
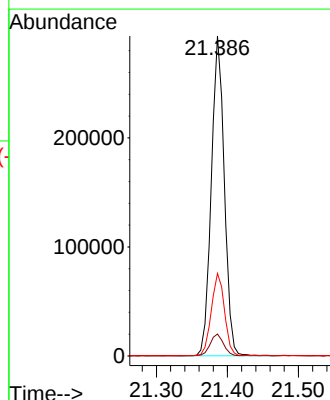
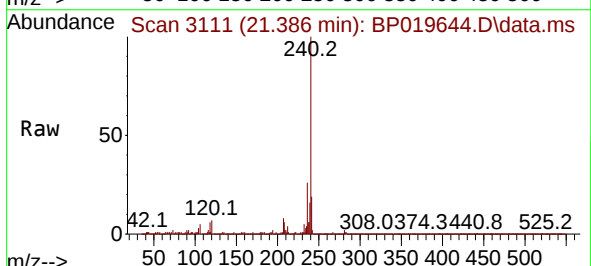
Tgt Ion:240 Resp: 373155

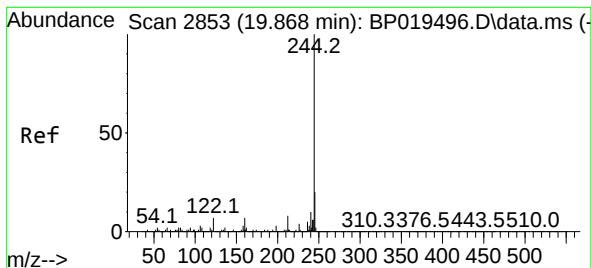
Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 72.161 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019644.D

Acq: 09 Feb 2024 21:50

Instrument :

BNA_P

ClientSampleId :

WC-4

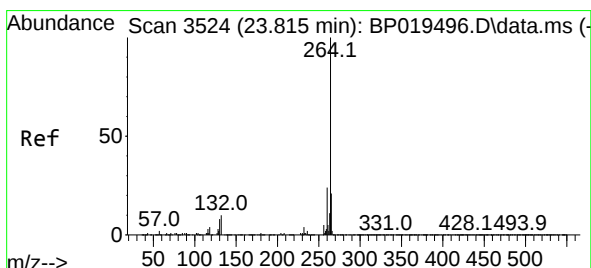
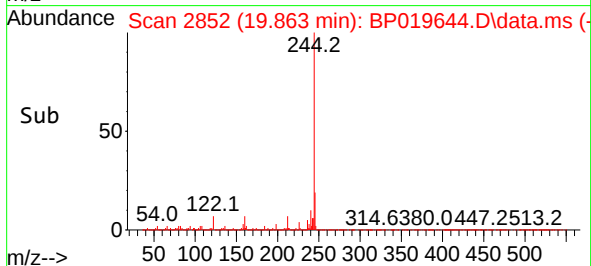
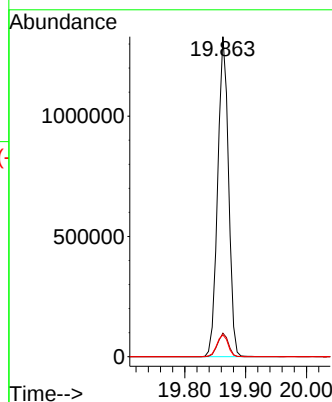
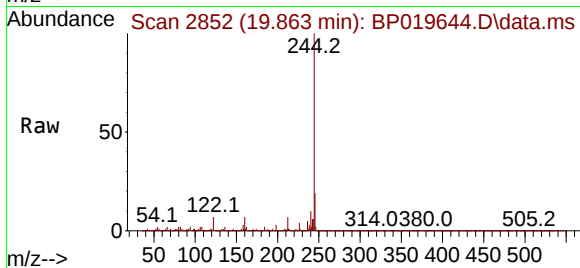
Tgt Ion:244 Resp: 1637367

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.8 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: BP019644.D

Acq: 09 Feb 2024 21:50

Tgt Ion:264 Resp: 450225

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 17.0 25.4

