

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019629.D
 Acq On : 09 Feb 2024 13:21
 Operator : MA/JU
 Sample : P1378-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-5

Quant Time: Feb 09 14:03:05 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)

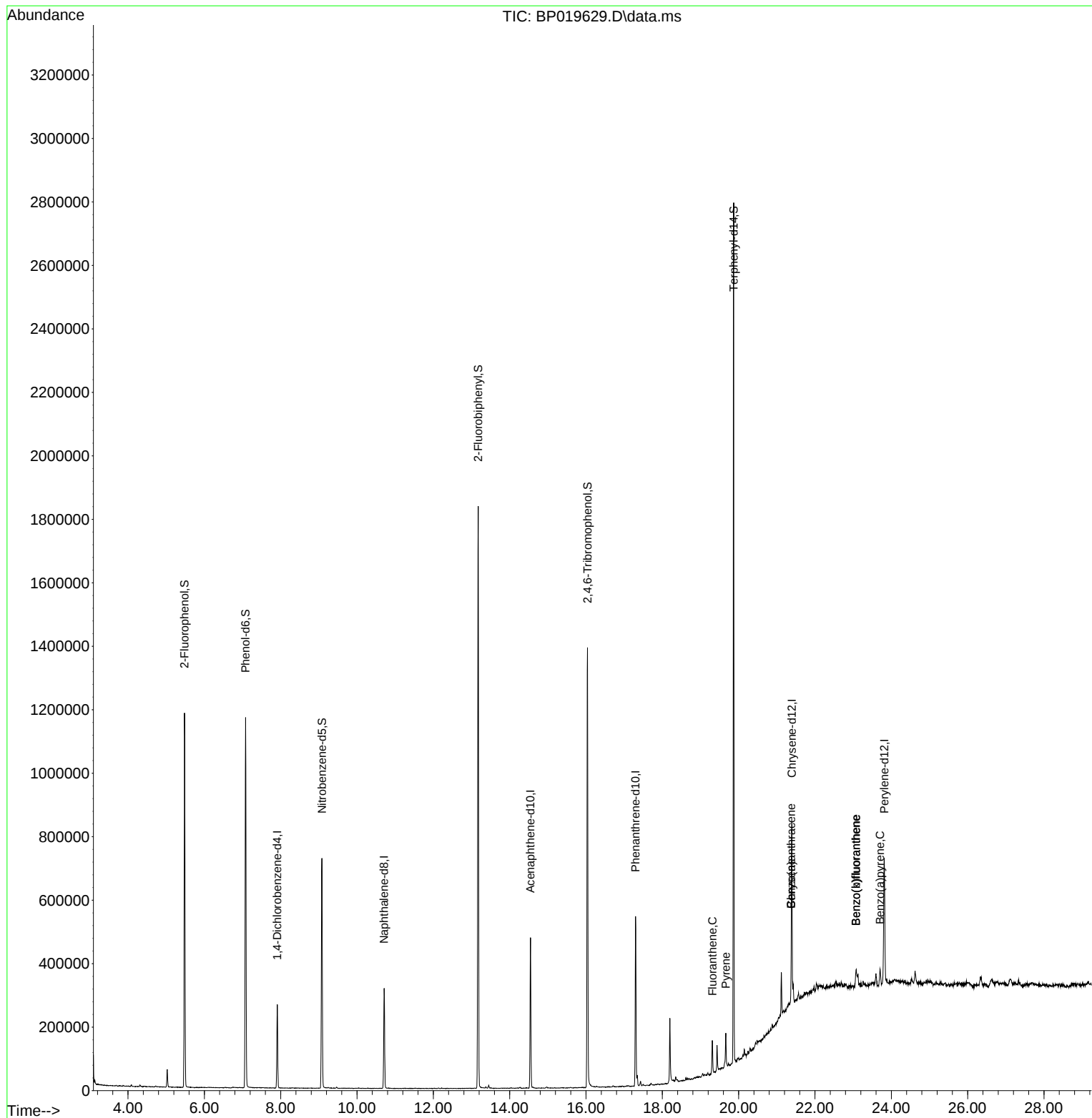
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	70128	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	257612	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	161185	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	333309	20.000	ng	0.00
76) Chrysene-d12	21.392	240	275940	20.000	ng	0.00
86) Perylene-d12	23.815	264	340773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	480133	110.361	ng	0.00
7) Phenol-d6	7.081	99	643839	109.755	ng	0.00
23) Nitrobenzene-d5	9.081	82	438272	73.719	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	292827	124.426	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	945274	72.499	ng	0.00
79) Terphenyl-d14	19.869	244	1305750	77.820	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.310	202	61846	2.886	ng	99
78) Pyrene	19.663	202	63142	3.242	ng	96
81) Benzo(a)anthracene	21.374	228	40060	2.062	ng	95
83) Chrysene	21.374	228	40060	2.172	ng	96
88) Benzo(b)fluoranthene	23.074	252	53592	2.495	ng	# 88
89) Benzo(k)fluoranthene	23.074	252	53592	2.612	ng	# 88
90) Benzo(a)pyrene	23.704	252	41142	2.153	ng	# 92

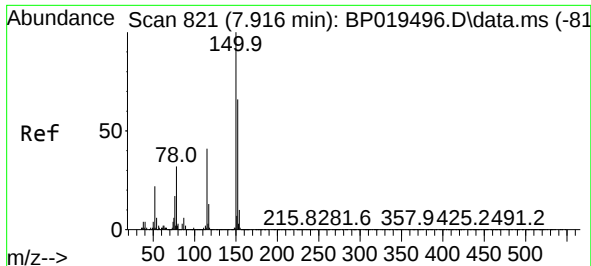
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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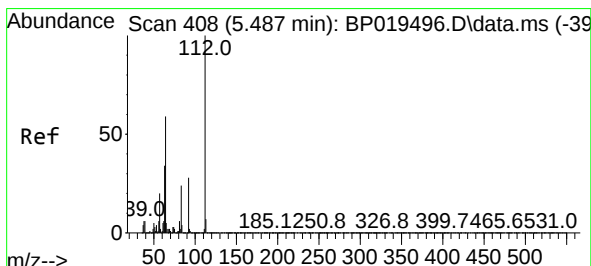
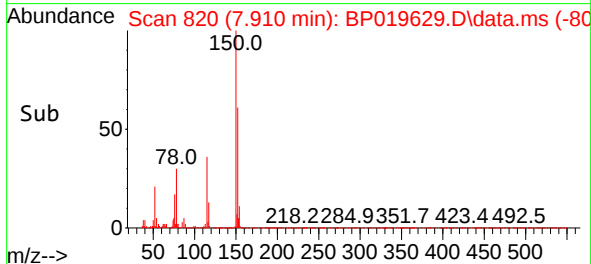
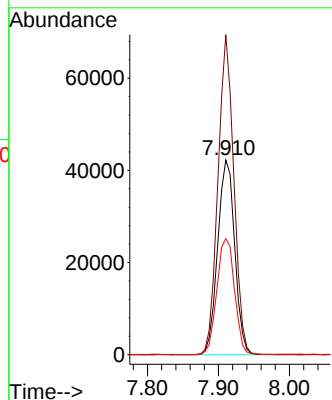
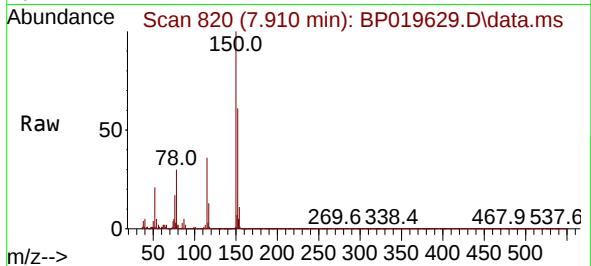




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

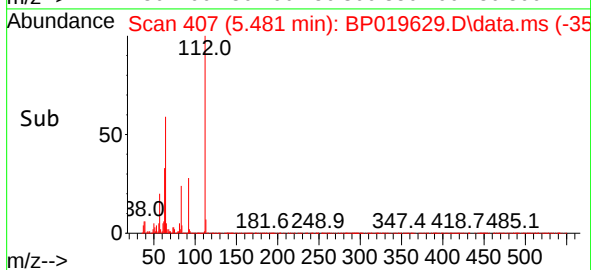
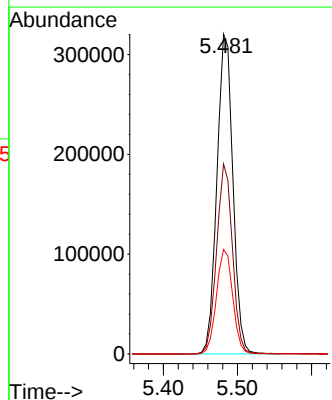
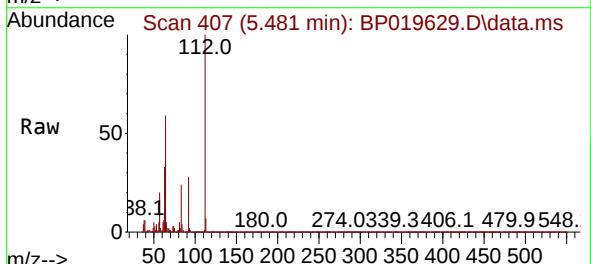
Instrument :
BNA_P
ClientSampleId :
TP-5

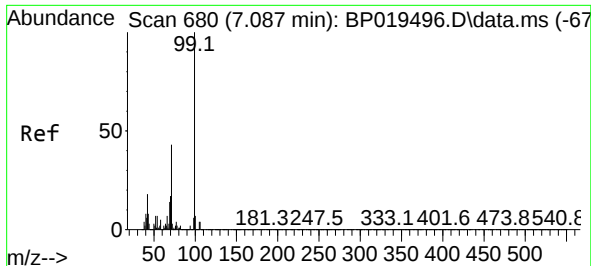
Tgt Ion:152 Resp: 70128
Ion Ratio Lower Upper
152 100
150 164.4 121.8 182.8
115 59.6 49.9 74.9



#5
2-Fluorophenol
Concen: 110.361 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:112 Resp: 480133
Ion Ratio Lower Upper
112 100
64 59.4 47.4 71.0
63 32.6 27.0 40.6

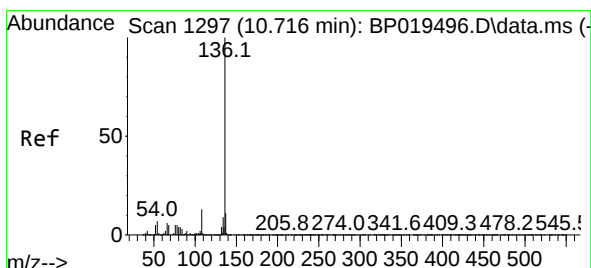
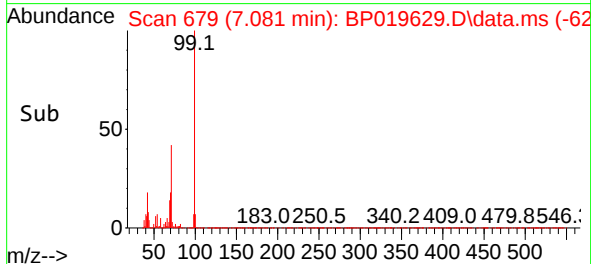
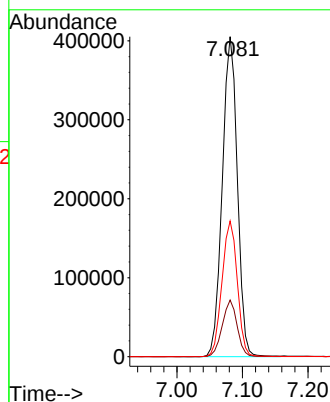
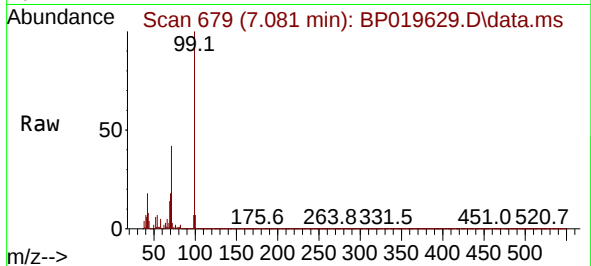




#7
Phenol-d6
Concen: 109.755 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

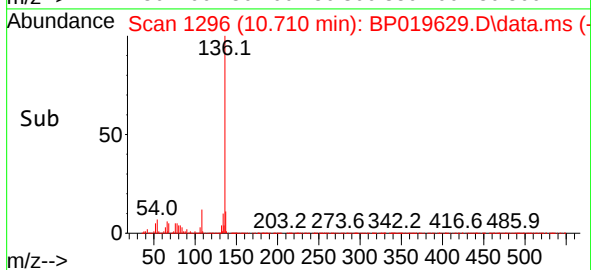
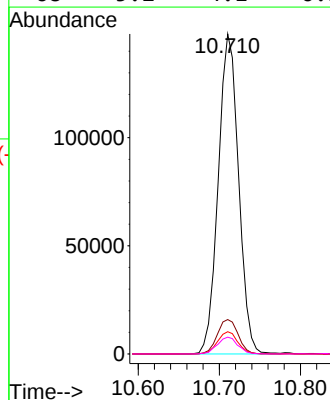
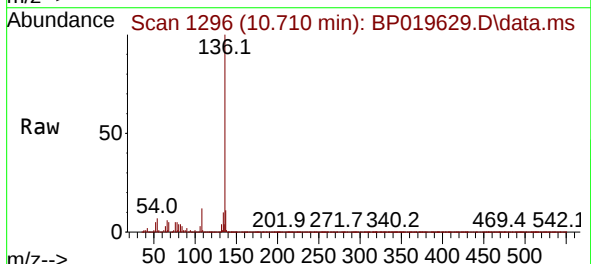
Instrument :
BNA_P
ClientSampleId :
TP-5

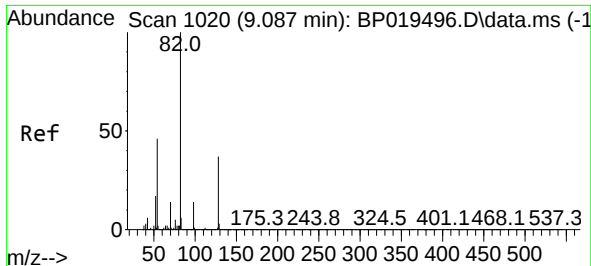
Tgt Ion: 99 Resp: 643839
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 42.4 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion: 136 Resp: 257612
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.0 5.3 7.9
68 5.2 4.1 6.1

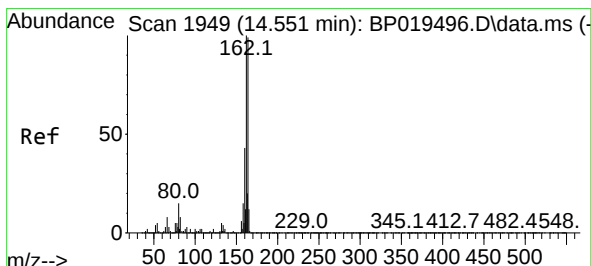
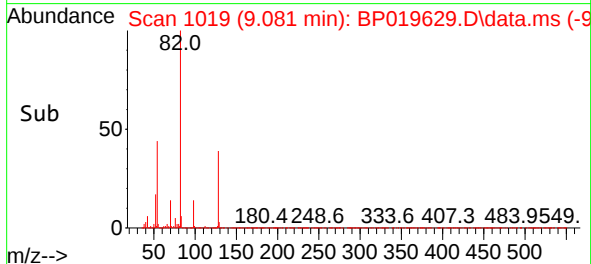
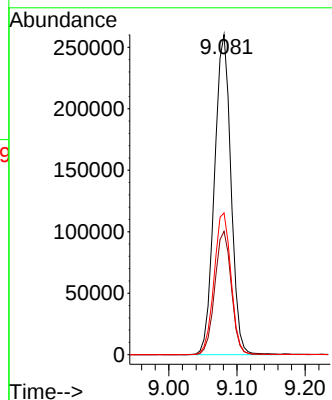
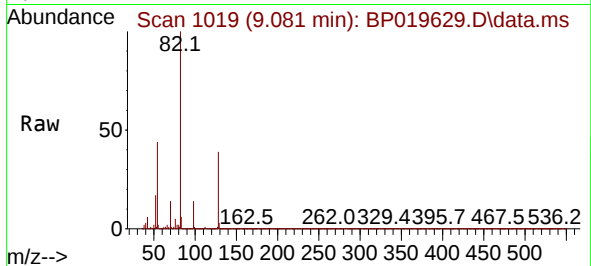




#23
Nitrobenzene-d5
Concen: 73.719 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

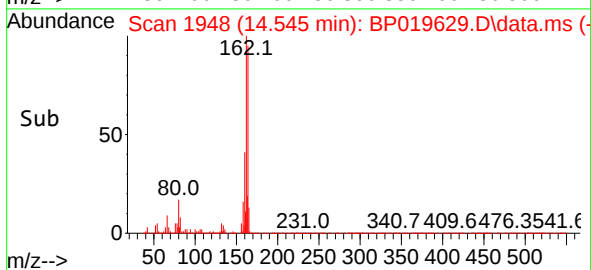
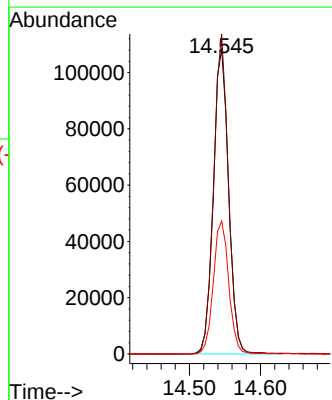
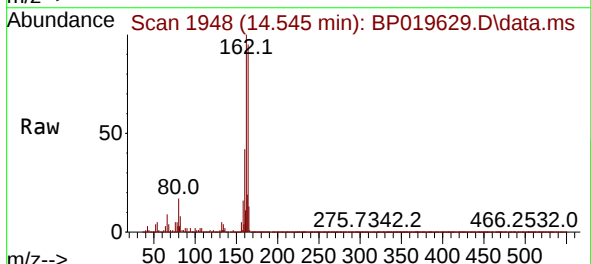
Instrument :
BNA_P
ClientSampleId :
TP-5

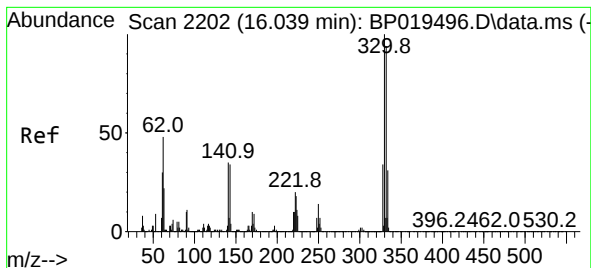
Tgt Ion: 82 Resp: 438272
Ion Ratio Lower Upper
82 100
128 38.5 29.7 44.5
54 44.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:164 Resp: 161185
Ion Ratio Lower Upper
164 100
162 105.0 81.2 121.8
160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 124.426 ng

RT: 16.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

Instrument :

BNA_P

ClientSampleId :

TP-5

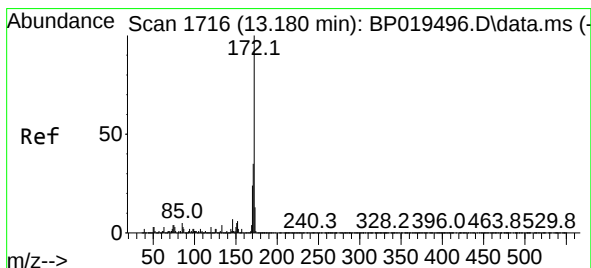
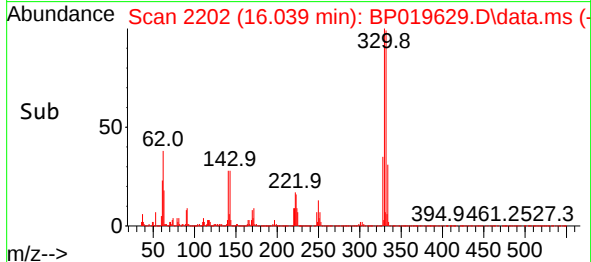
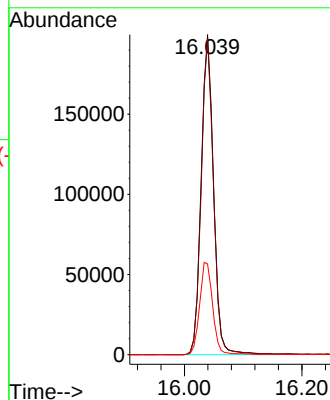
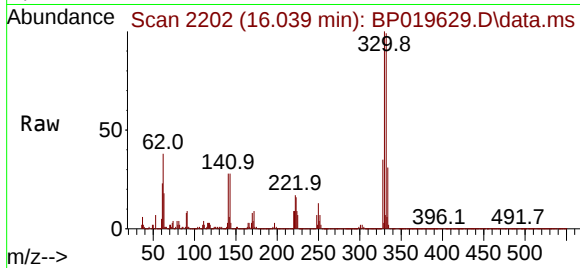
Tgt Ion:330 Resp: 292827

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

141 30.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 72.499 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

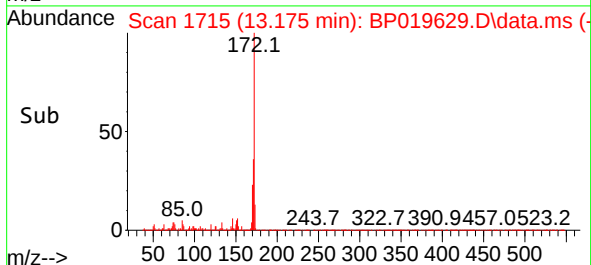
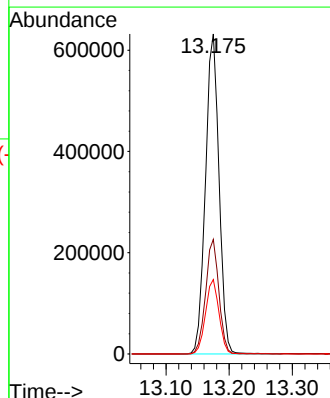
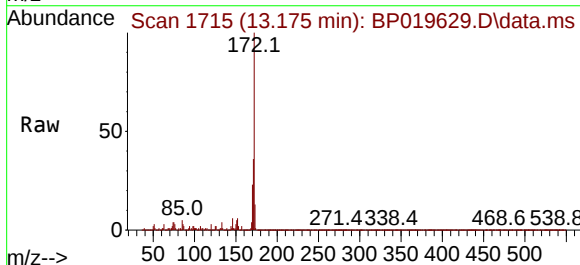
Tgt Ion:172 Resp: 945274

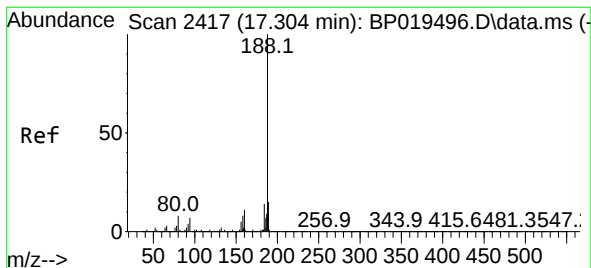
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.3 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: BP019629.D

Acq: 09 Feb 2024 13:21

Instrument :

BNA_P

ClientSampleId :

TP-5

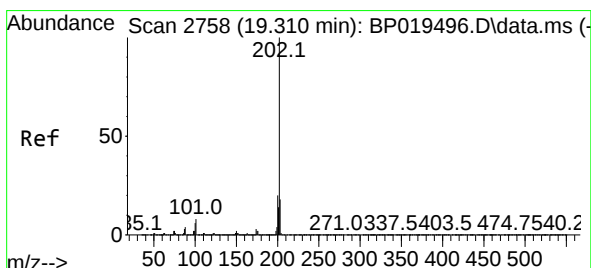
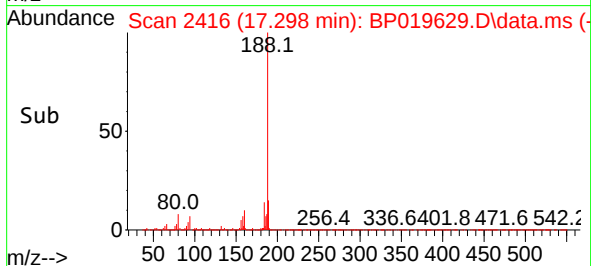
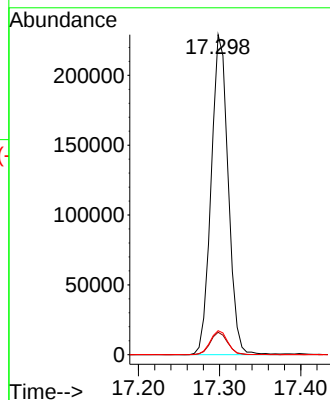
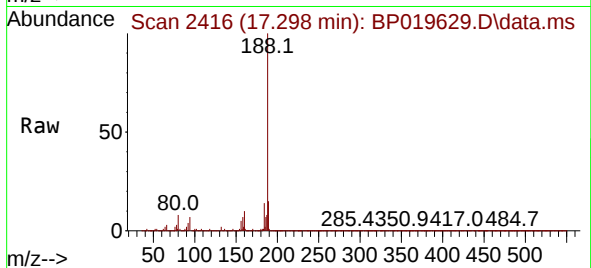
Tgt Ion:188 Resp: 333309

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 7.5 6.3 9.5



#75

Fluoranthene

Concen: 2.886 ng

RT: 19.310 min Scan# 2758

Delta R.T. 0.000 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

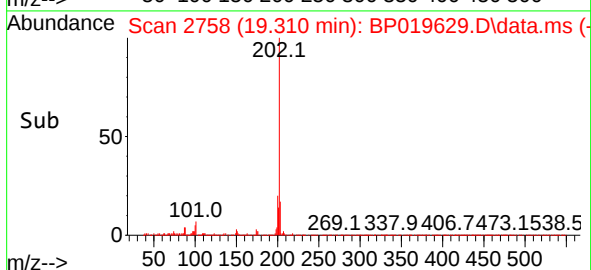
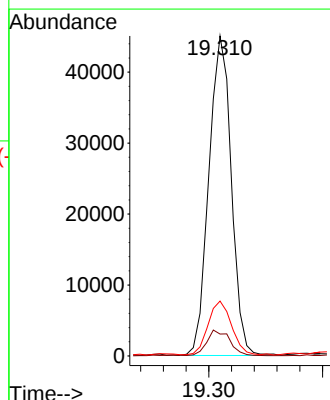
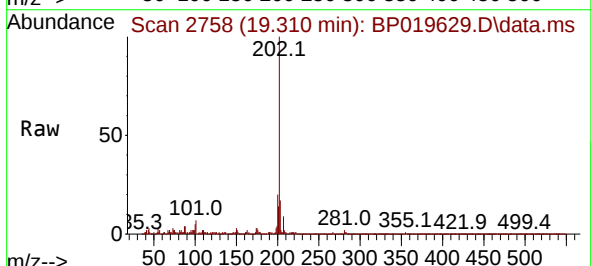
Tgt Ion:202 Resp: 61846

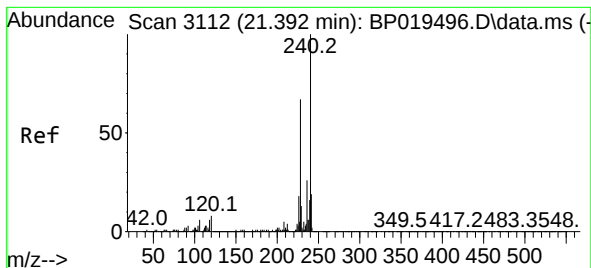
Ion Ratio Lower Upper

202 100

101 6.9 0.0 27.7

203 17.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

Instrument :

BNA_P

ClientSampleId :

TP-5

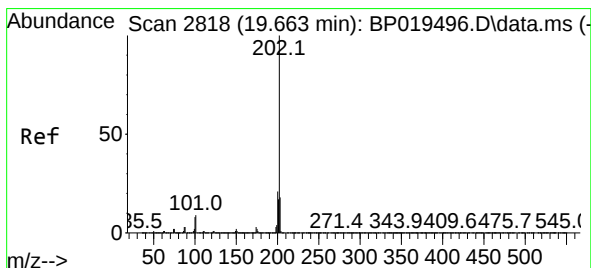
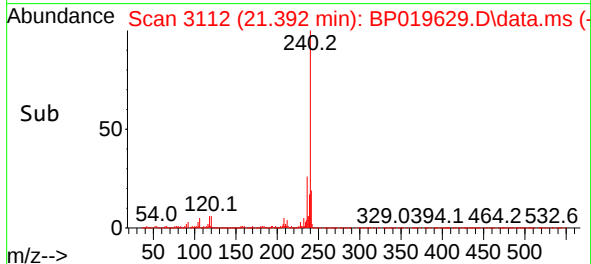
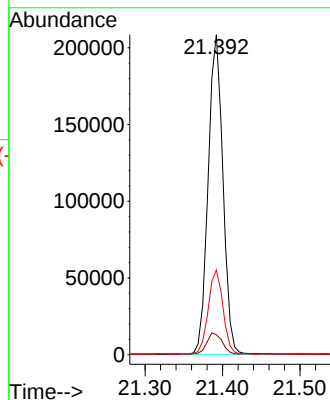
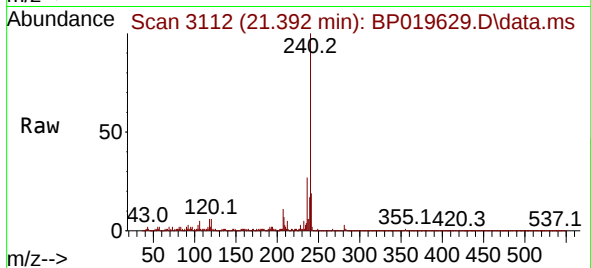
Tgt Ion:240 Resp: 275940

Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 26.5 20.7 31.1



#78

Pyrene

Concen: 3.242 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

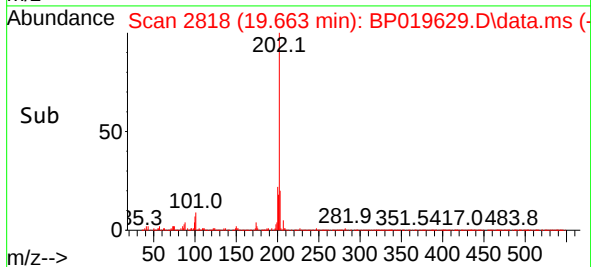
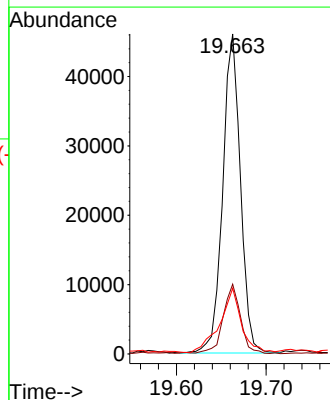
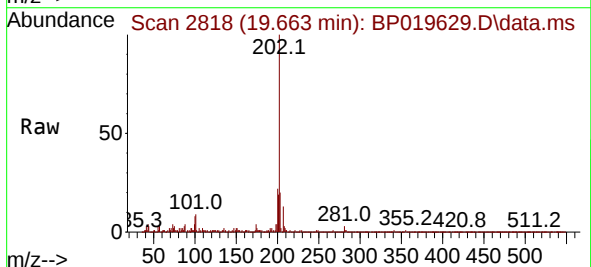
Tgt Ion:202 Resp: 63142

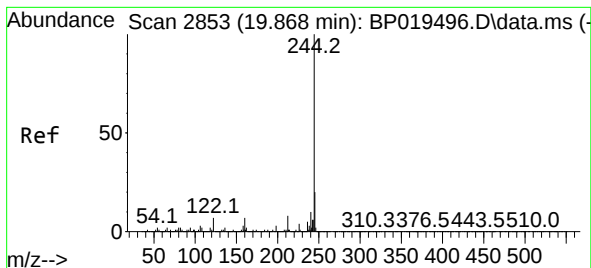
Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

203 20.5 14.2 21.2





#79

Terphenyl-d14

Concen: 77.820 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

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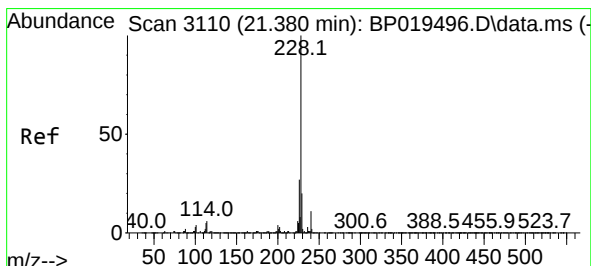
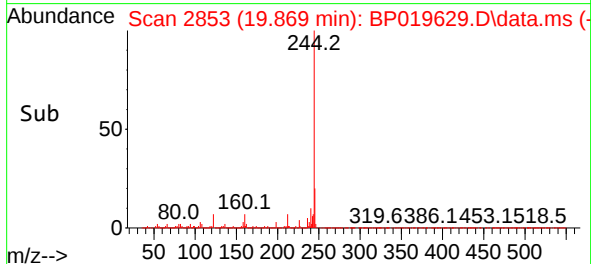
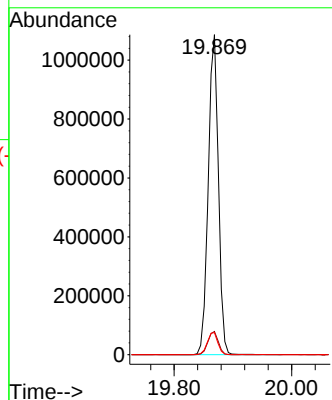
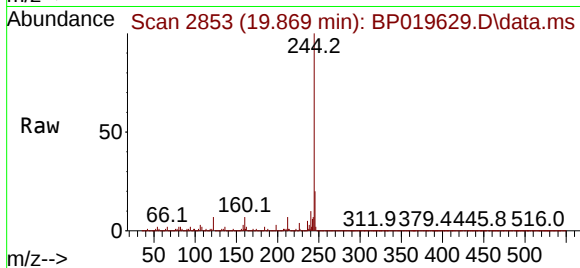
Tgt Ion:244 Resp: 1305750

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.9 5.9 8.9



#81

Benzo(a)anthracene

Concen: 2.062 ng

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

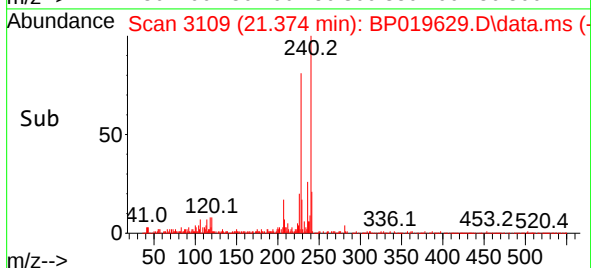
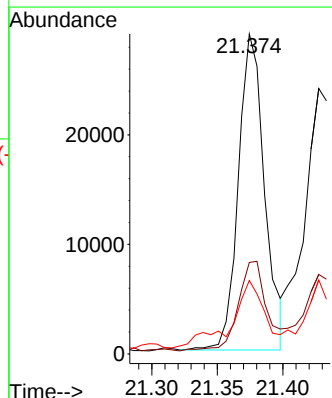
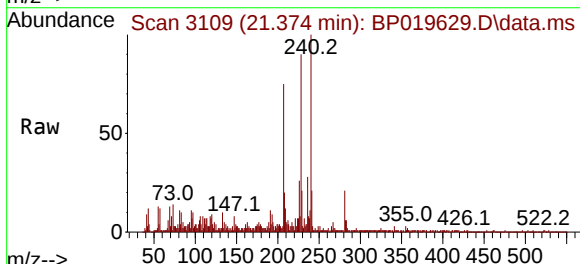
Tgt Ion:228 Resp: 40060

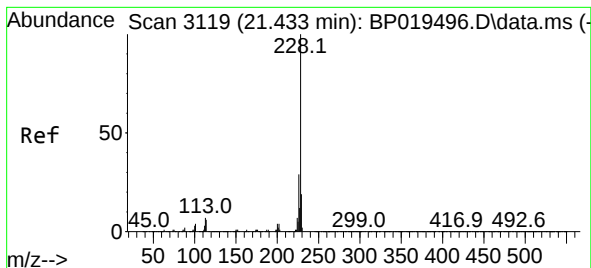
Ion Ratio Lower Upper

228 100

226 28.6 21.7 32.5

229 23.0 15.6 23.4





#83

Chrysene

Concen: 2.172 ng

RT: 21.374 min Scan# 3119

Delta R.T. -0.059 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

Instrument :

BNA_P

ClientSampleId :

TP-5

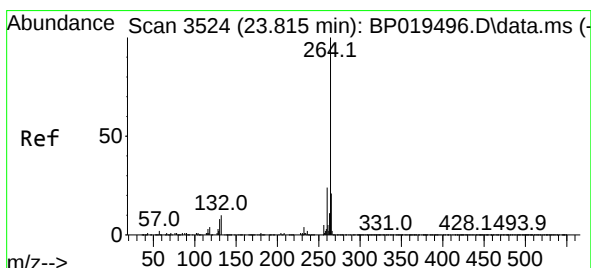
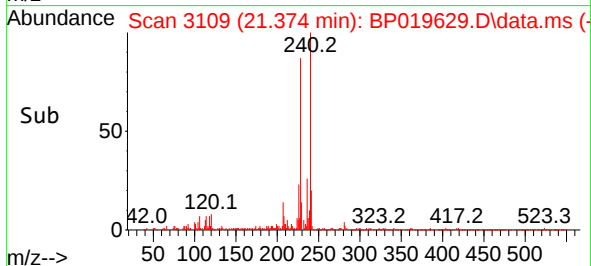
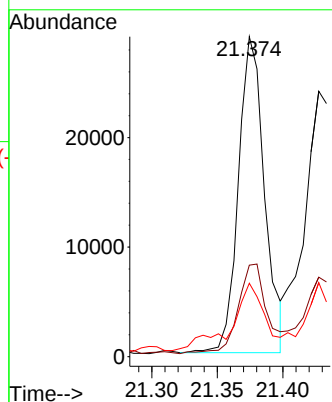
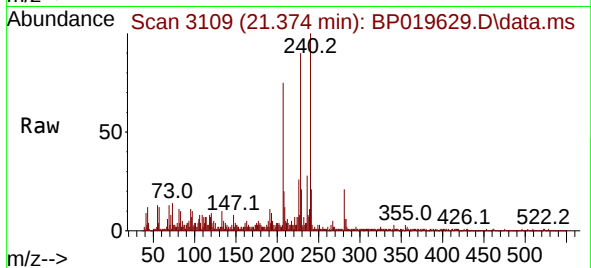
Tgt Ion:228 Resp: 40060

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.2

229 23.0 15.6 23.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.815 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

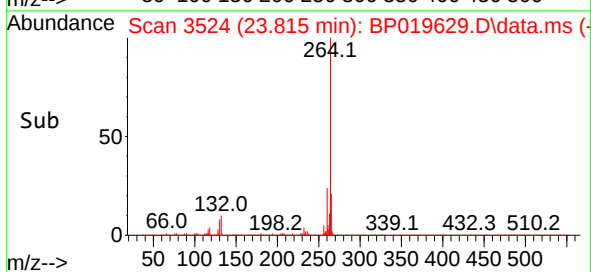
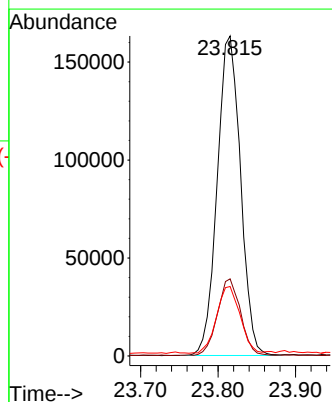
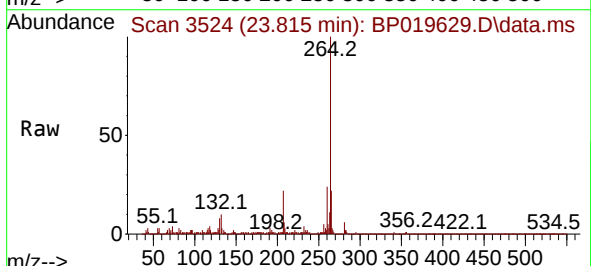
Tgt Ion:264 Resp: 340773

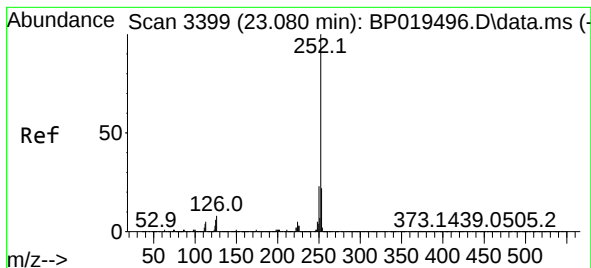
Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.7 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.495 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

Instrument :

BNA_P

ClientSampleId :

TP-5

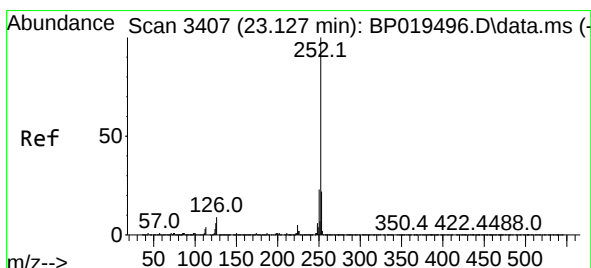
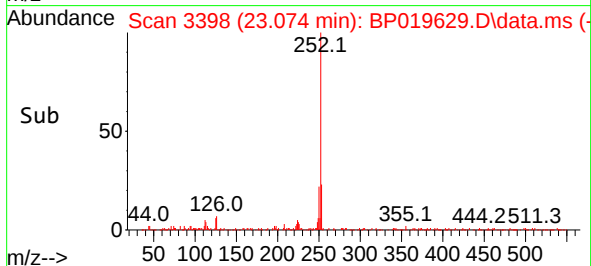
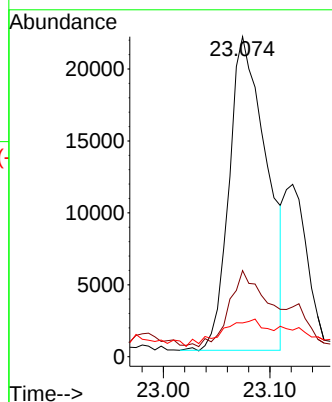
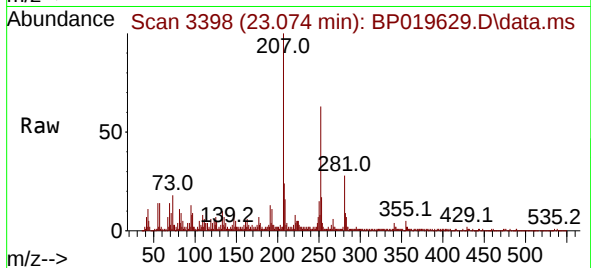
Tgt Ion:252 Resp: 53592

Ion Ratio Lower Upper

252 100

253 26.9 17.3 25.9#

125 10.6 4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 2.612 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.053 min

Lab File: BP019629.D

Acq: 09 Feb 2024 13:21

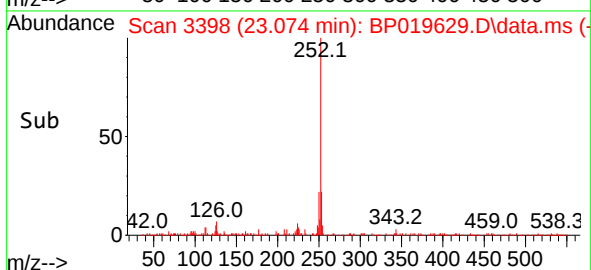
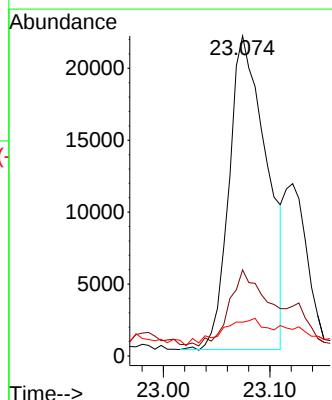
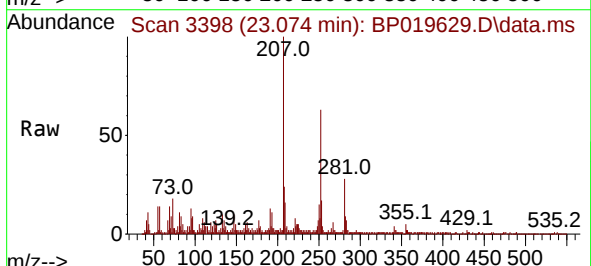
Tgt Ion:252 Resp: 53592

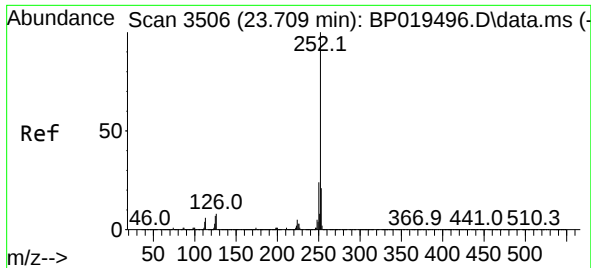
Ion Ratio Lower Upper

252 100

253 26.9 17.1 25.7#

125 10.6 5.0 7.6#





#90
Benzo(a)pyrene
Concen: 2.153 ng
RT: 23.704 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion:252 Resp: 41142
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 12.1 5.6 8.4#

