

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019770.D
 Acq On : 19 Feb 2024 19:10
 Operator : MA/JU
 Sample : P1505-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1S

Quant Time: Feb 19 23:37:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

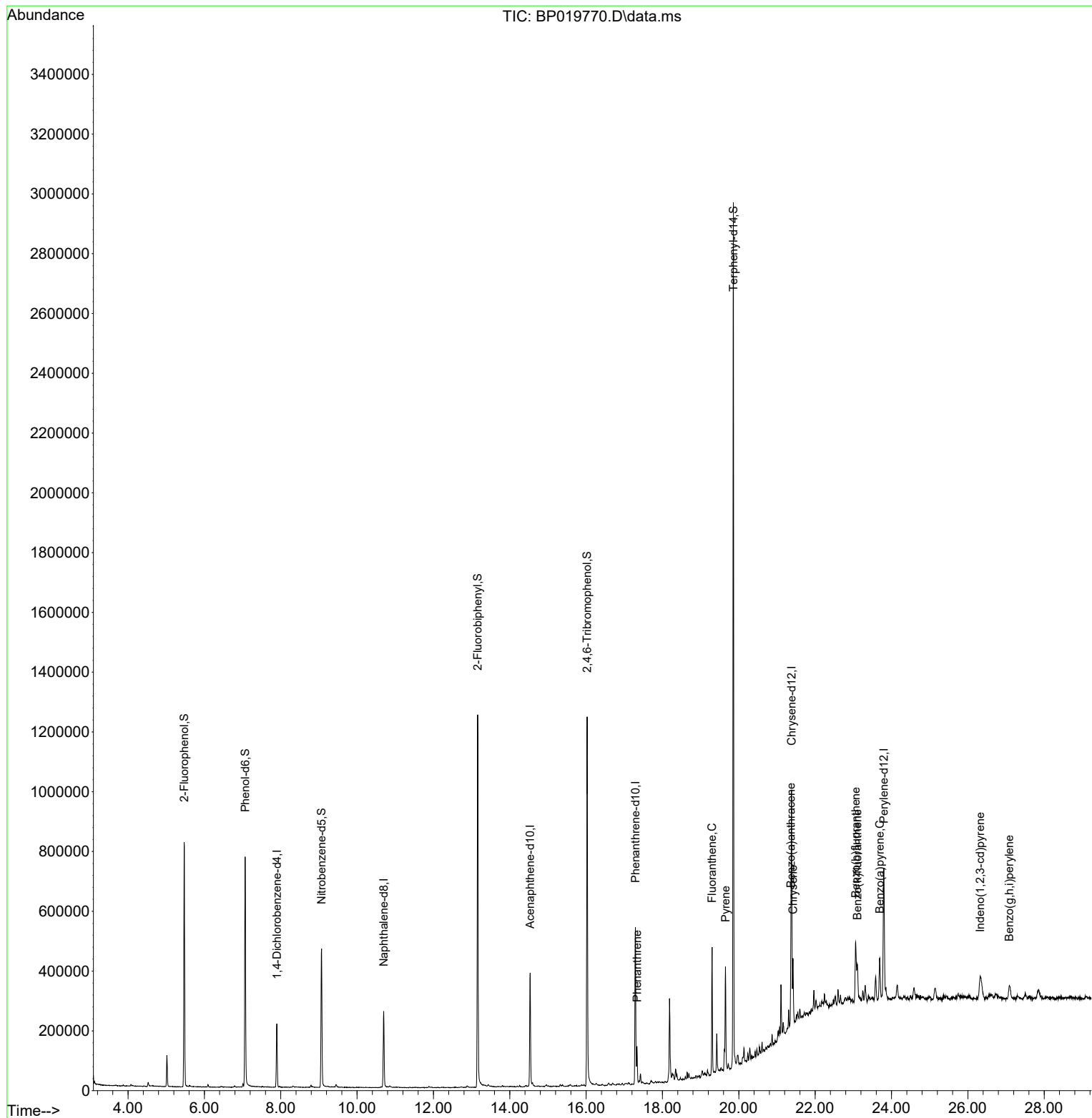
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	56291	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	210573	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	142548	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	345059	20.000	ng	0.00
76) Chrysene-d12	21.380	240	358724	20.000	ng	#-0.01
86) Perylene-d12	23.798	264	393542	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	345693	98.991	ng	0.00
7) Phenol-d6	7.069	99	440179	93.482	ng	0.00
23) Nitrobenzene-d5	9.069	82	299454	61.621	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	276573	132.885	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	700007	60.707	ng	0.00
79) Terphenyl-d14	19.857	244	1446540	66.316	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.334	178	77826	4.286	ng	98
75) Fluoranthene	19.298	202	246172	11.097	ng	98
78) Pyrene	19.651	202	224506	8.868	ng	98
81) Benzo(a)anthracene	21.363	228	160667	6.363	ng	98
83) Chrysene	21.422	228	146794	6.123	ng	97
87) Indeno(1,2,3-cd)pyrene	26.321	276	75355	2.501	ng	96
88) Benzo(b)fluoranthene	23.063	252	196152	7.908	ng	96
89) Benzo(k)fluoranthene	23.104	252	98032	4.138	ng	99
90) Benzo(a)pyrene	23.692	252	131517	5.959	ng	96
92) Benzo(g,h,i)perylene	27.086	276	74870	2.979	ng	96

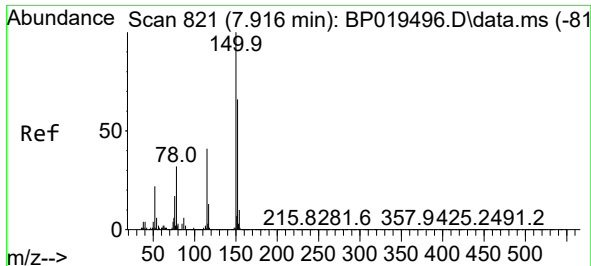
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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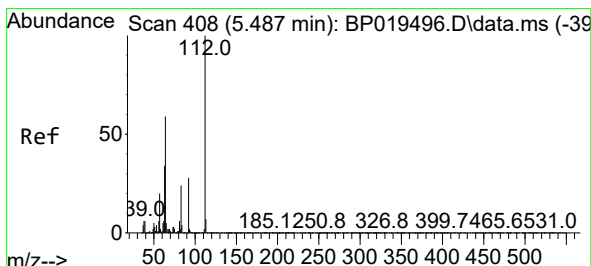
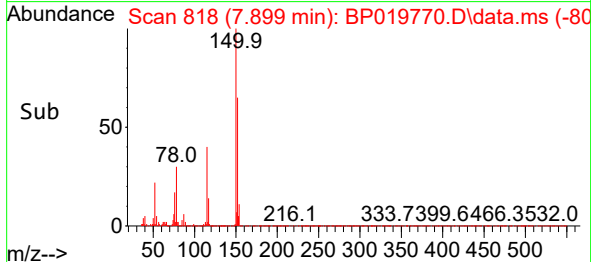
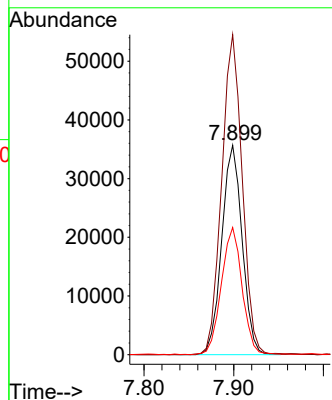
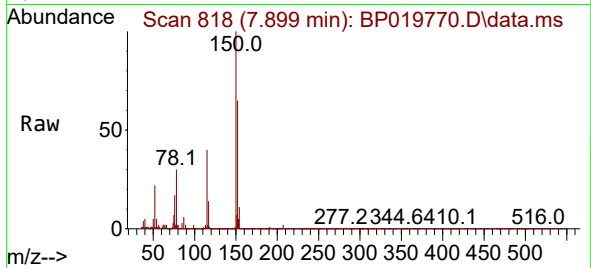




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019770.D
Acq: 19 Feb 2024 19:10

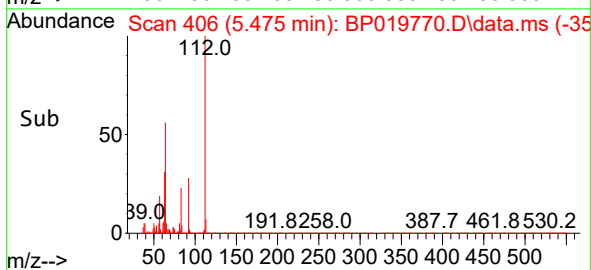
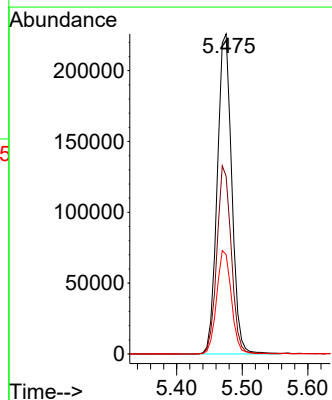
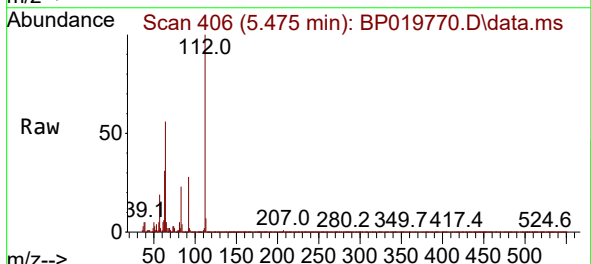
Instrument :
BNA_P
ClientSampleId :
WC-1S

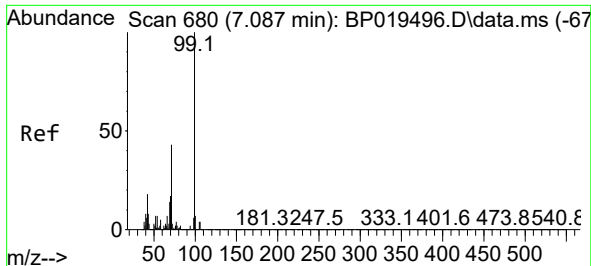
Tgt Ion:152 Resp: 56291
Ion Ratio Lower Upper
152 100
150 152.8 121.8 182.8
115 60.7 49.9 74.9



#5
2-Fluorophenol
Concen: 98.991 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP019770.D
Acq: 19 Feb 2024 19:10

Tgt Ion:112 Resp: 345693
Ion Ratio Lower Upper
112 100
64 55.5 47.4 71.0
63 31.1 27.0 40.6

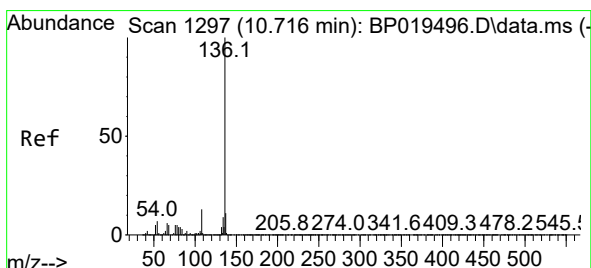
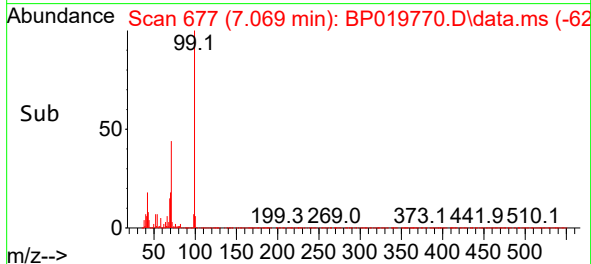
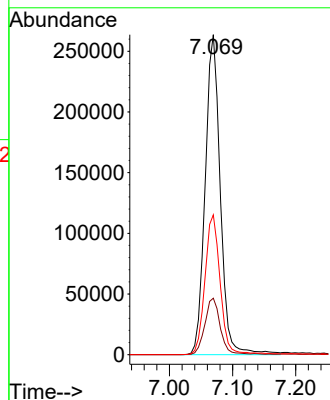
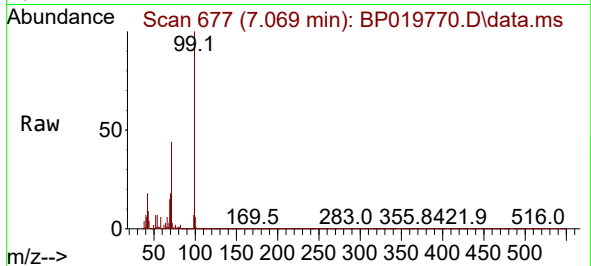




#7
Phenol-d6
Concen: 93.482 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019770.D
Acq: 19 Feb 2024 19:10

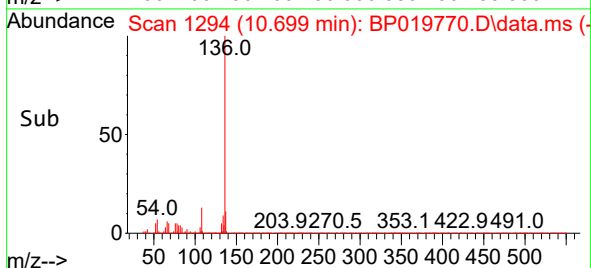
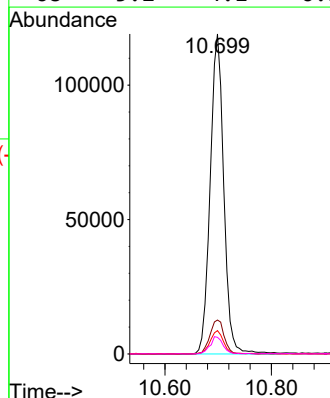
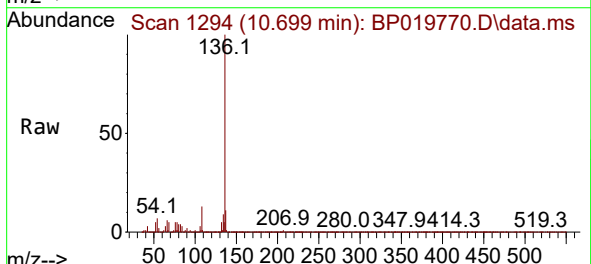
Instrument :
BNA_P
ClientSampleId :
WC-1S

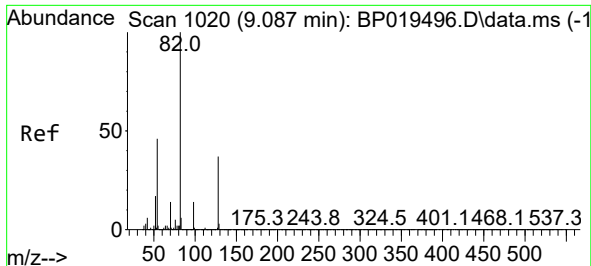
Tgt Ion: 99 Resp: 440179
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 43.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP019770.D
Acq: 19 Feb 2024 19:10

Tgt Ion: 136 Resp: 210573
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.3 5.3 7.9
68 5.2 4.1 6.1

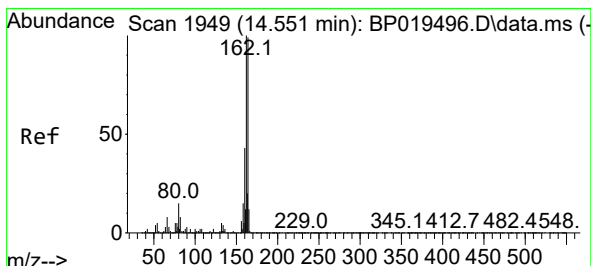
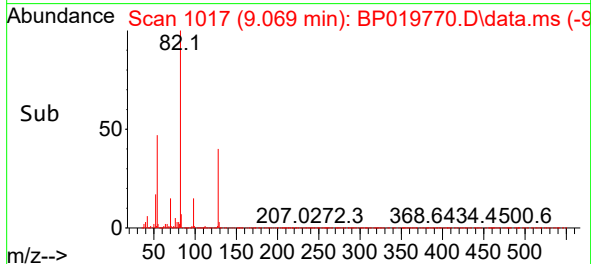
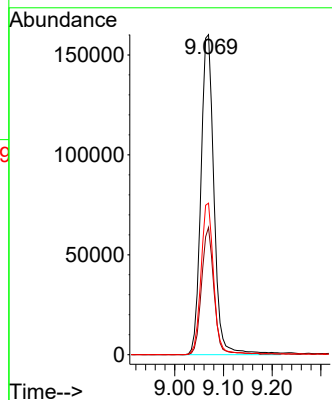
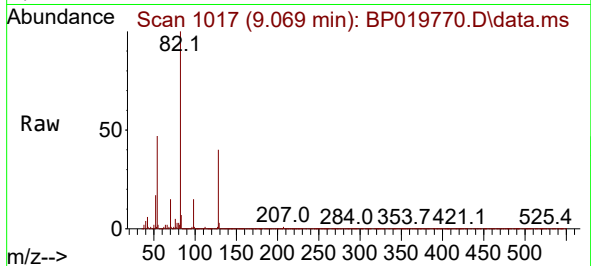




#23
Nitrobenzene-d5
Concen: 61.621 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP019770.D
Acq: 19 Feb 2024 19:10

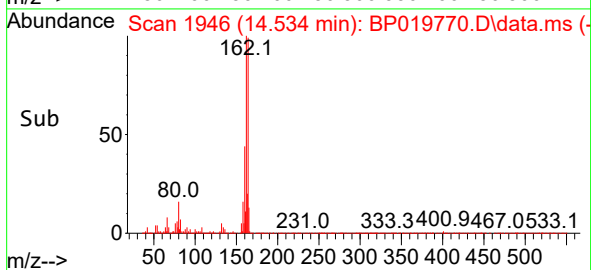
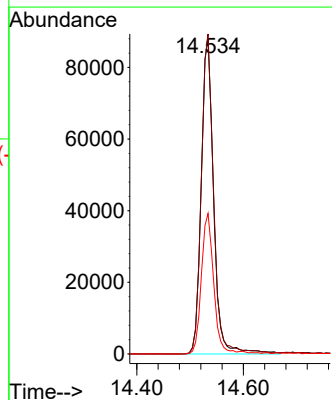
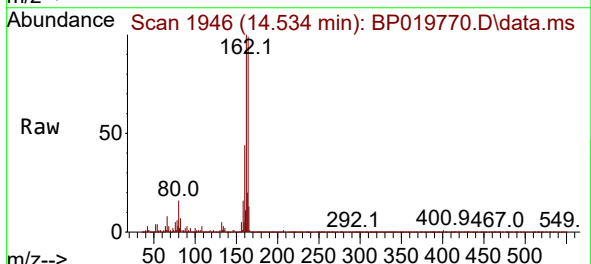
Instrument :
BNA_P
ClientSampleId :
WC-1S

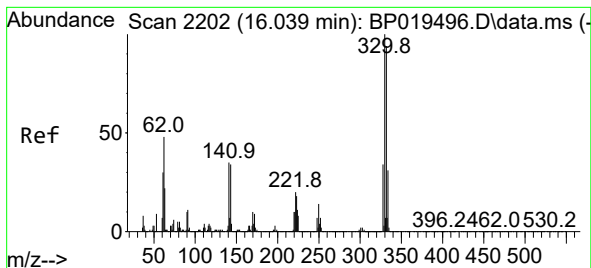
Tgt Ion: 82 Resp: 299454
Ion Ratio Lower Upper
82 100
128 39.7 29.7 44.5
54 47.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP019770.D
Acq: 19 Feb 2024 19:10

Tgt Ion: 164 Resp: 142548
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 44.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 132.885 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019770.D

Acq: 19 Feb 2024 19:10

Instrument :

BNA_P

ClientSampleId :

WC-1S

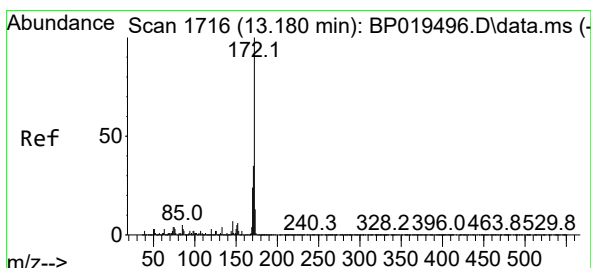
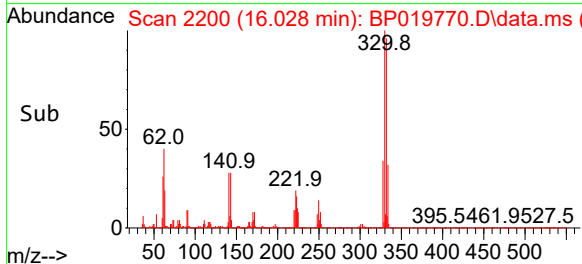
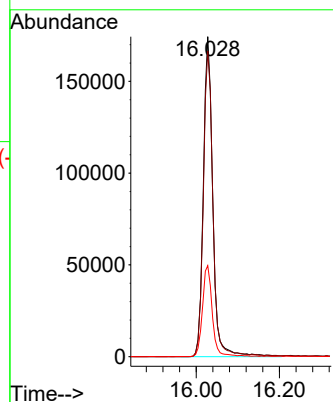
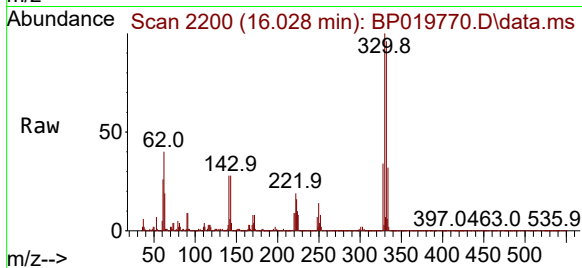
Tgt Ion:330 Resp: 276573

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

141 29.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 60.707 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019770.D

Acq: 19 Feb 2024 19:10

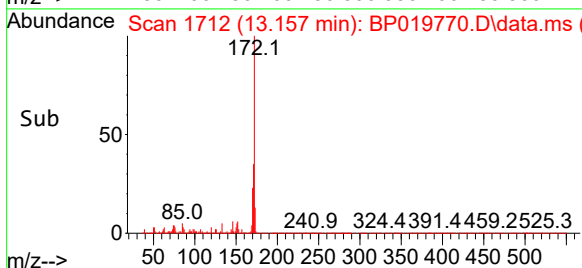
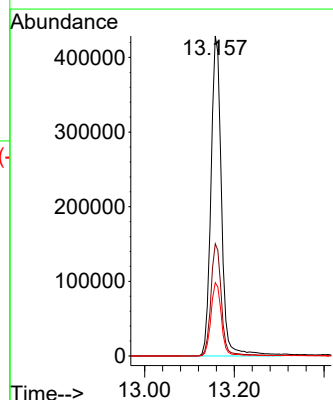
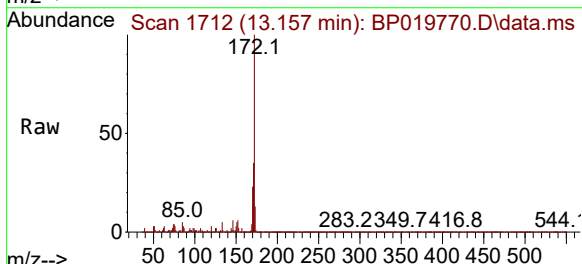
Tgt Ion:172 Resp: 700007

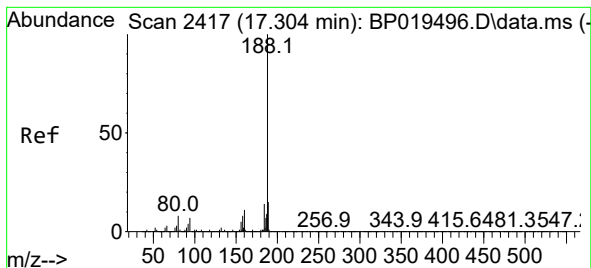
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 22.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BP019770.D

Acq: 19 Feb 2024 19:10

Instrument :

BNA_P

ClientSampleId :

WC-1S

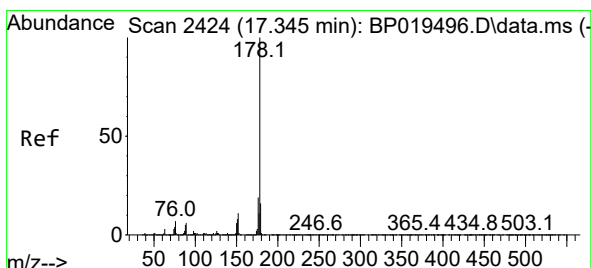
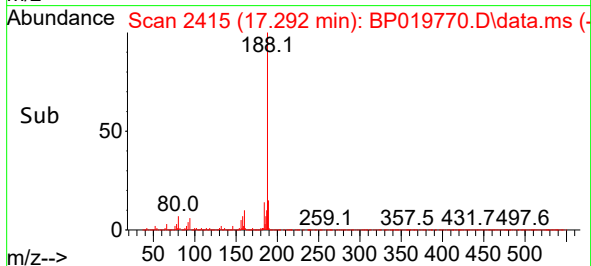
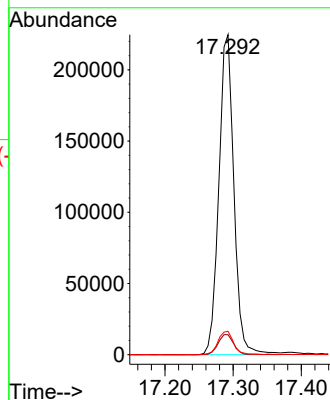
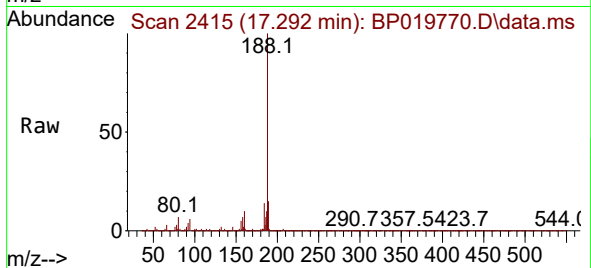
Tgt Ion:188 Resp: 345059

Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.2

80 7.3 6.3 9.5



#71

Phenanthrene

Concen: 4.286 ng

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019770.D

Acq: 19 Feb 2024 19:10

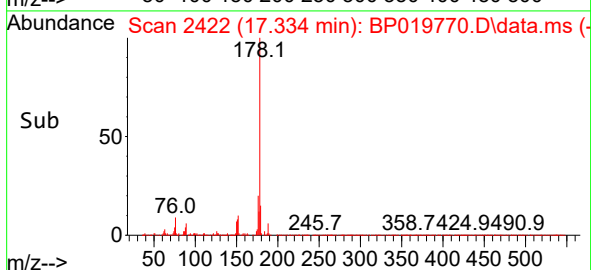
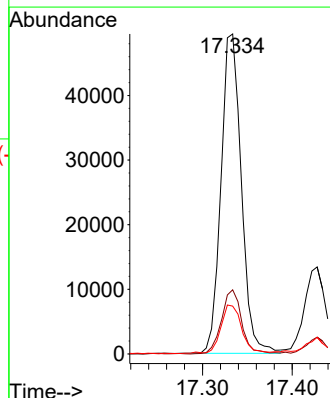
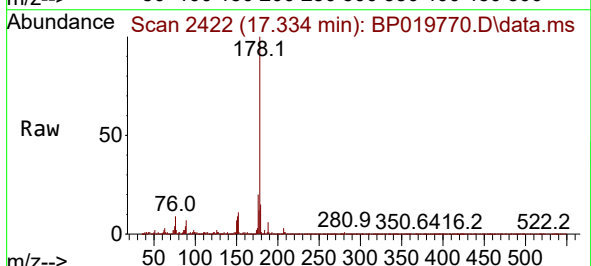
Tgt Ion:178 Resp: 77826

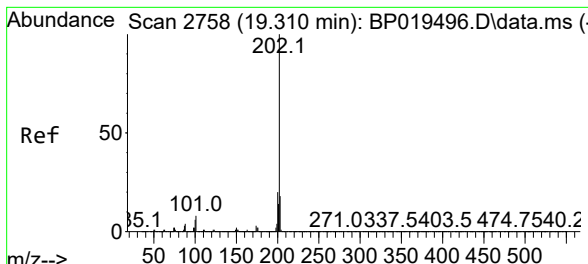
Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

179 15.0 12.6 19.0

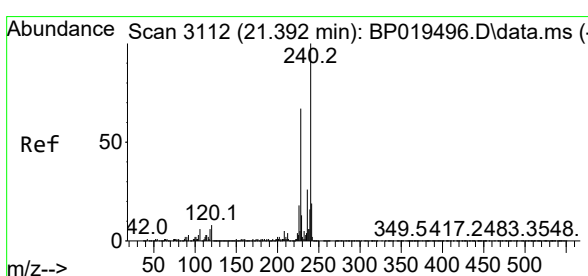
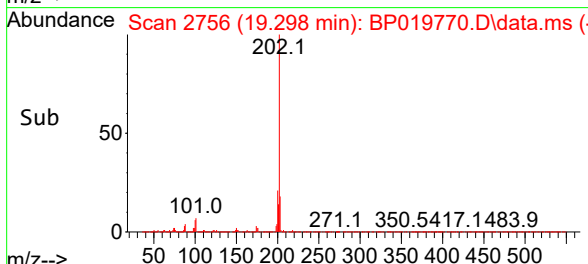
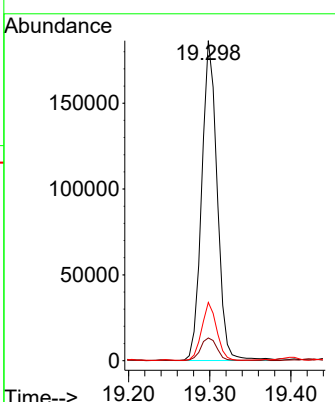
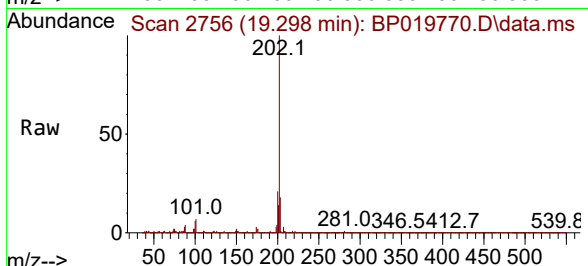




#75
 Fluoranthene
 Concen: 11.097 ng
 RT: 19.298 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019770.D
 Acq: 19 Feb 2024 19:10

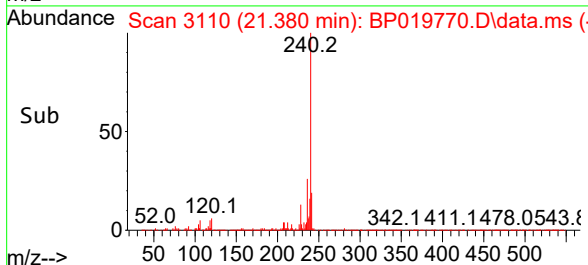
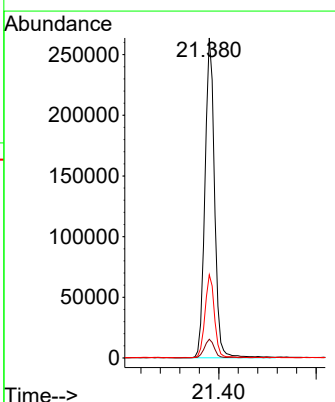
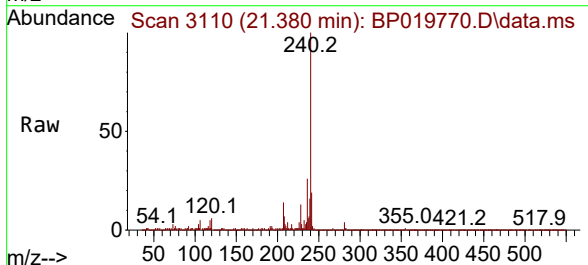
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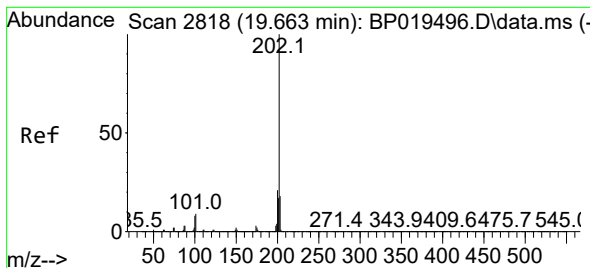
Tgt Ion:	202	Resp:	246172
Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	27.7
203	18.2	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.380 min Scan# 3110
 Delta R.T. -0.012 min
 Lab File: BP019770.D
 Acq: 19 Feb 2024 19:10

Tgt Ion:	240	Resp:	358724
Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.1	9.1#
236	26.0	20.7	31.1





#78

Pyrene

Concen: 8.868 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BP019770.D

Acq: 19 Feb 2024 19:10

Instrument :

BNA_P

ClientSampleId :

WC-1S

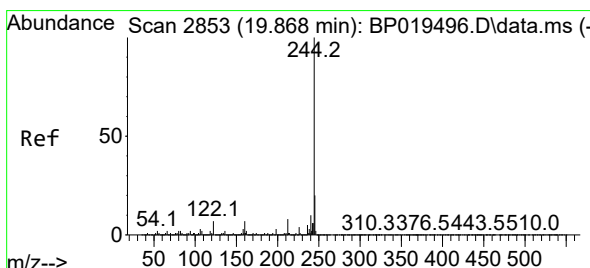
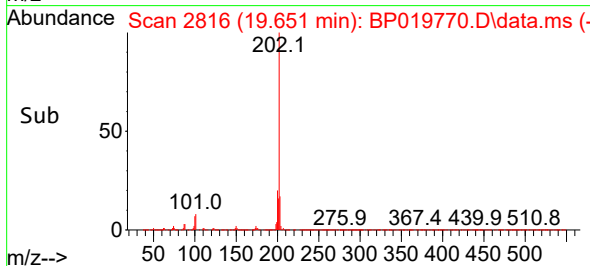
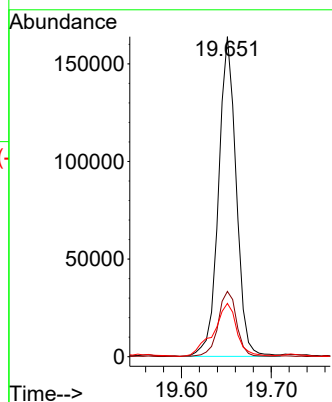
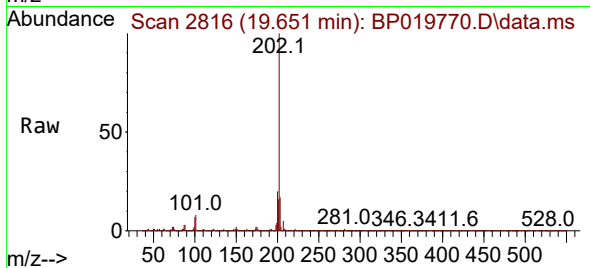
Tgt Ion:202 Resp: 224506

Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

203 16.7 14.2 21.2



#79

Terphenyl-d14

Concen: 66.316 ng

RT: 19.857 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BP019770.D

Acq: 19 Feb 2024 19:10

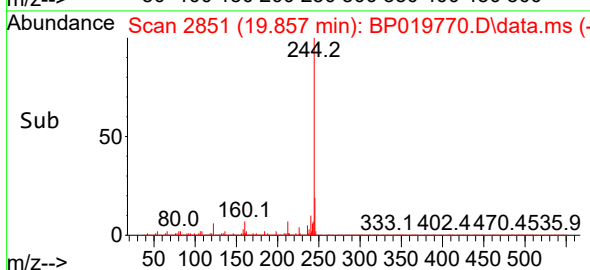
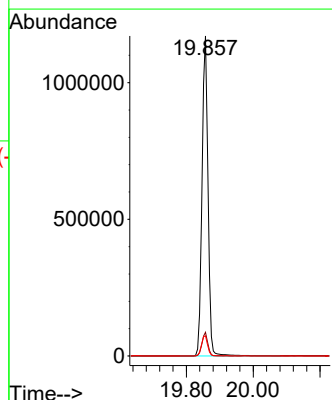
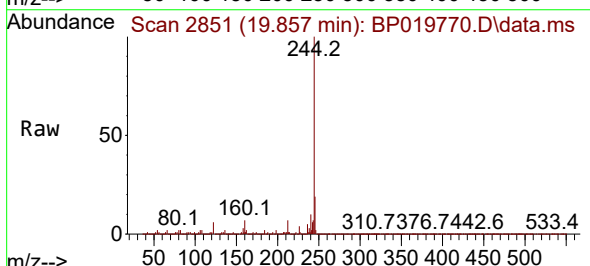
Tgt Ion:244 Resp: 1446540

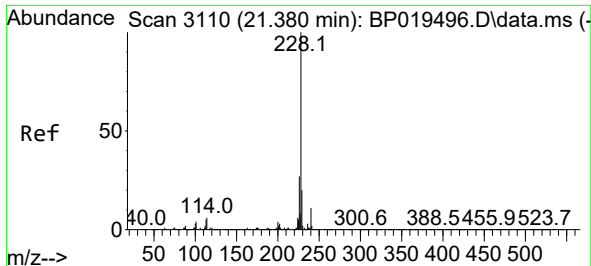
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.3 5.9 8.9

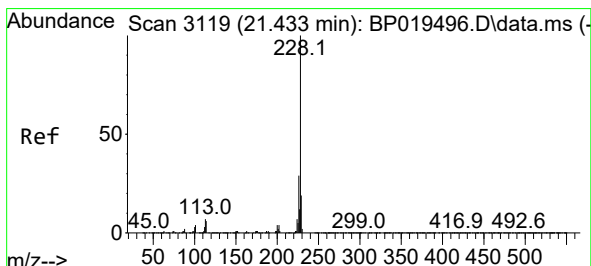
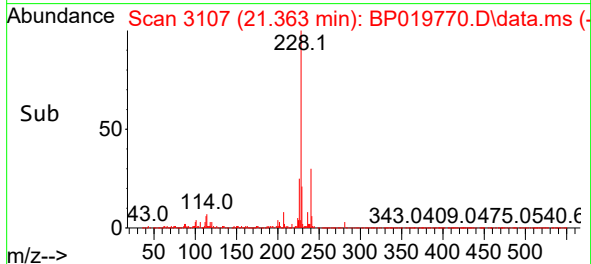
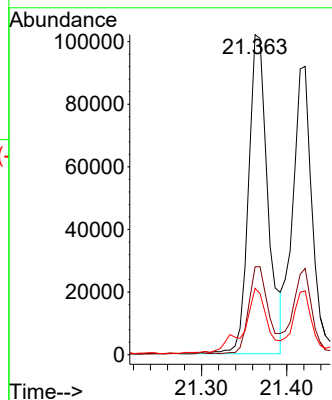
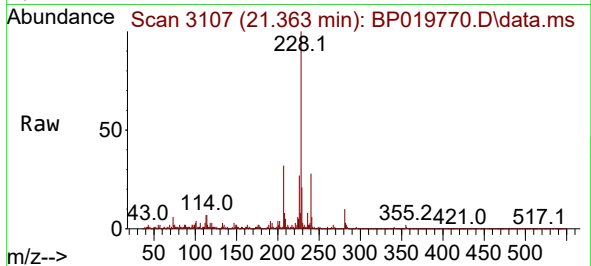




#81
Benzo(a)anthracene
Concen: 6.363 ng
RT: 21.363 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019770.D
Acq: 19 Feb 2024 19:10

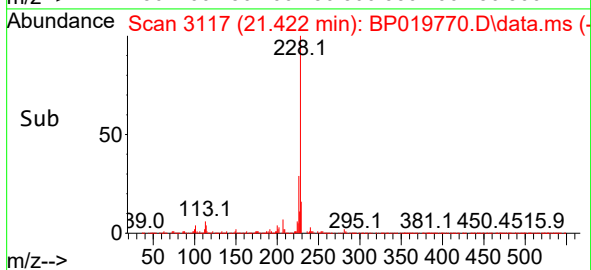
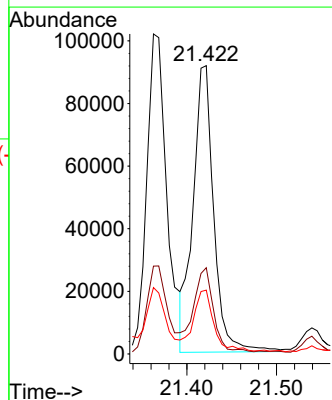
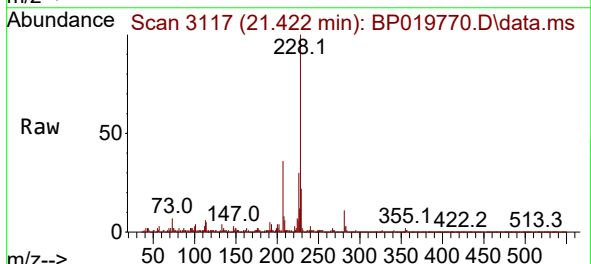
Instrument :
BNA_P
ClientSampleId :
WC-1S

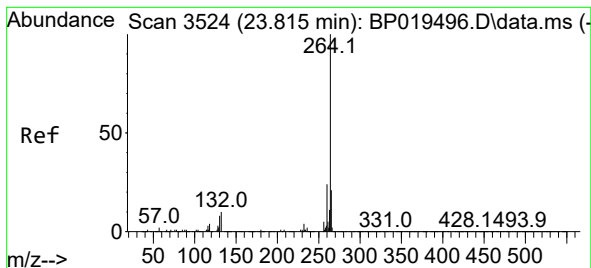
Tgt Ion:228 Resp: 160667
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.8 15.6 23.4



#83
Chrysene
Concen: 6.123 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP019770.D
Acq: 19 Feb 2024 19:10

Tgt Ion:228 Resp: 146794
Ion Ratio Lower Upper
228 100
226 29.9 23.4 35.2
229 22.2 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP019770.D

Acq: 19 Feb 2024 19:10

Instrument :

BNA_P

ClientSampleId :

WC-1S

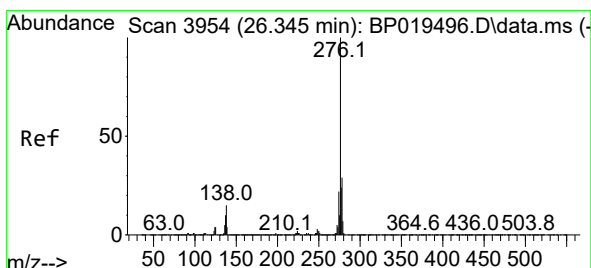
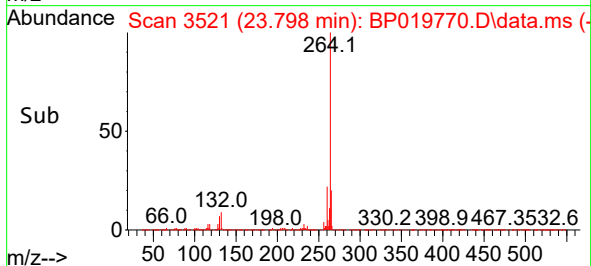
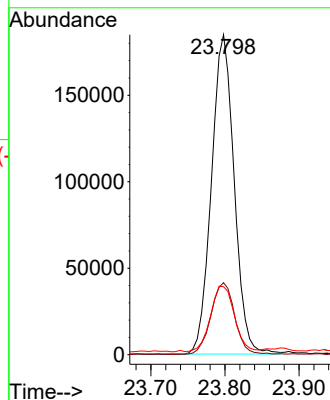
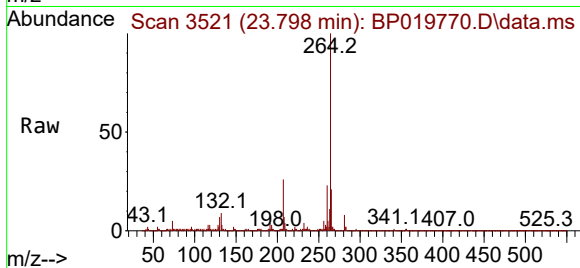
Tgt Ion:264 Resp: 393542

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.2 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.501 ng

RT: 26.321 min Scan# 3950

Delta R.T. -0.023 min

Lab File: BP019770.D

Acq: 19 Feb 2024 19:10

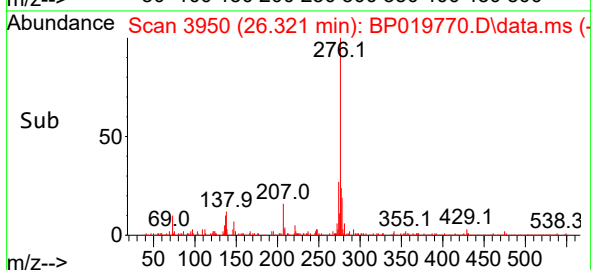
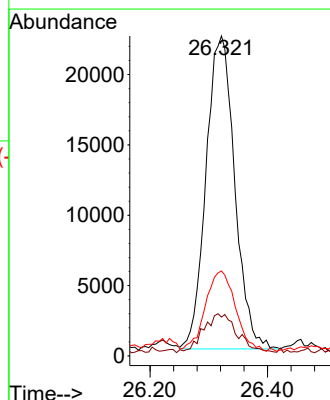
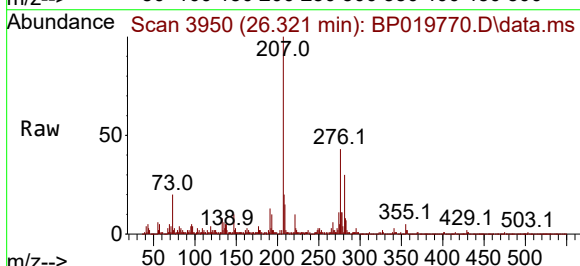
Tgt Ion:276 Resp: 75355

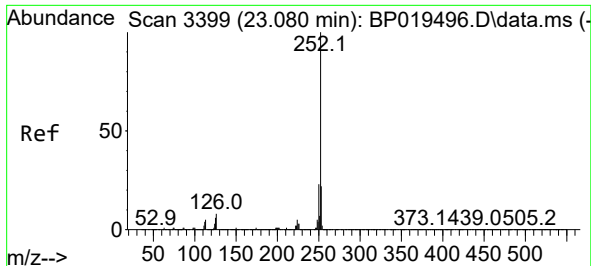
Ion Ratio Lower Upper

276 100

138 14.7 13.1 19.7

277 27.0 20.3 30.5

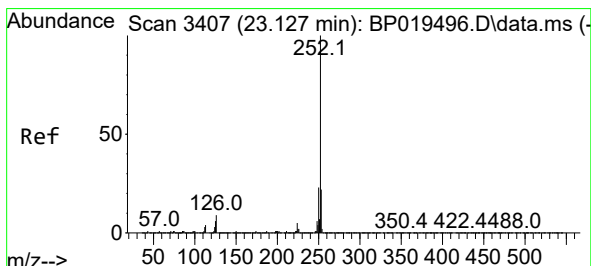
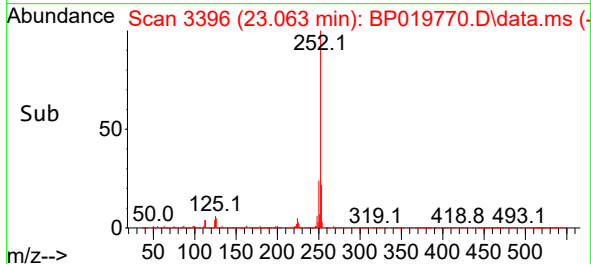
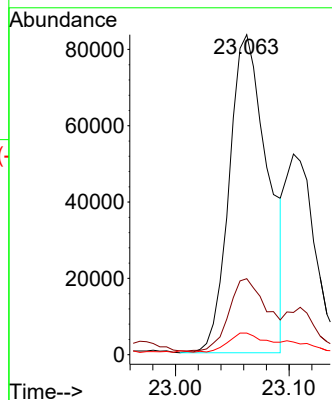
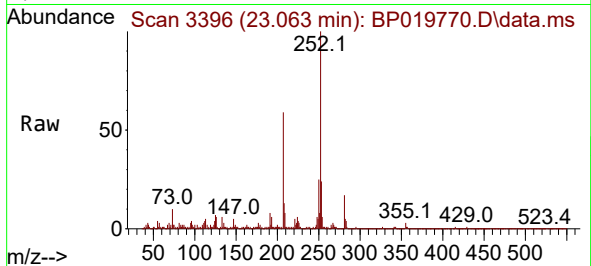




#88
Benzo(b)fluoranthene
Concen: 7.908 ng
RT: 23.063 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019770.D
Acq: 19 Feb 2024 19:10

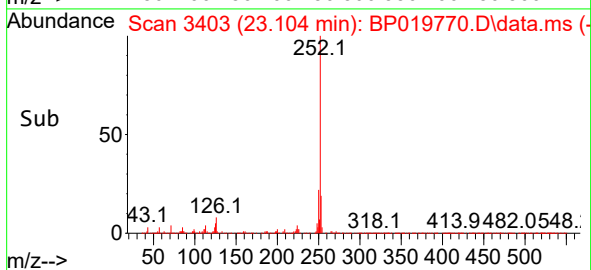
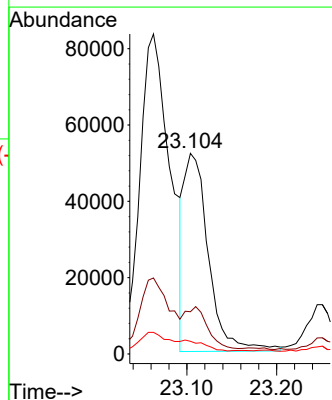
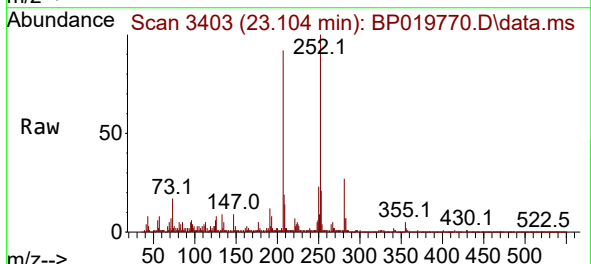
Instrument :
BNA_P
ClientSampleId :
WC-1S

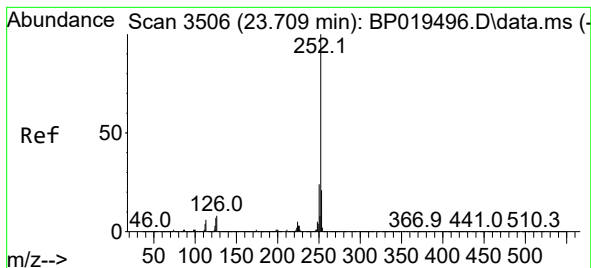
Tgt Ion:252 Resp: 196152
Ion Ratio Lower Upper
252 100
253 23.8 17.3 25.9
125 6.8 4.9 7.3



#89
Benzo(k)fluoranthene
Concen: 4.138 ng
RT: 23.104 min Scan# 3403
Delta R.T. -0.017 min
Lab File: BP019770.D
Acq: 19 Feb 2024 19:10

Tgt Ion:252 Resp: 98032
Ion Ratio Lower Upper
252 100
253 21.0 17.1 25.7
125 6.3 5.0 7.6





#90

Benzo(a)pyrene

Concen: 5.959 ng

RT: 23.692 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP019770.D

Acq: 19 Feb 2024 19:10

Instrument :

BNA_P

ClientSampleId :

WC-1S

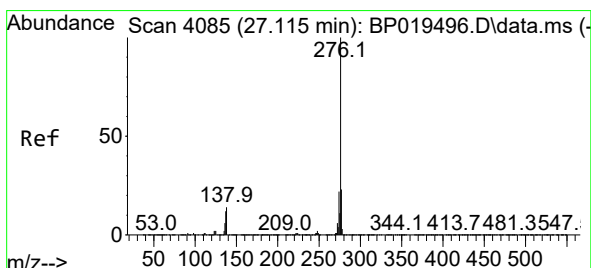
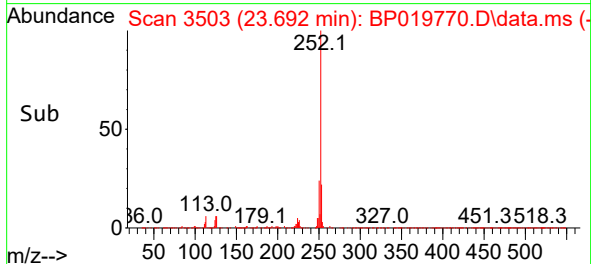
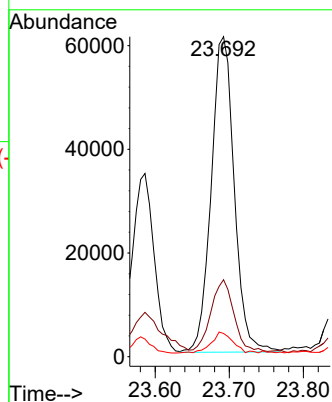
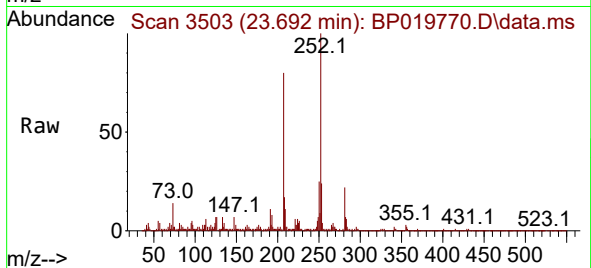
Tgt Ion:252 Resp: 131517

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

125 7.3 5.6 8.4



#92

Benzo(g,h,i)perylene

Concen: 2.979 ng

RT: 27.086 min Scan# 4080

Delta R.T. -0.035 min

Lab File: BP019770.D

Acq: 19 Feb 2024 19:10

Tgt Ion:276 Resp: 74870

Ion Ratio Lower Upper

276 100

277 25.8 18.6 28.0

138 13.0 10.9 16.3

