

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
 Data File : BP019683.D
 Acq On : 13 Feb 2024 18:16
 Operator : MA/JU
 Sample : P1448-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-020924

Quant Time: Feb 13 19:10:07 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)

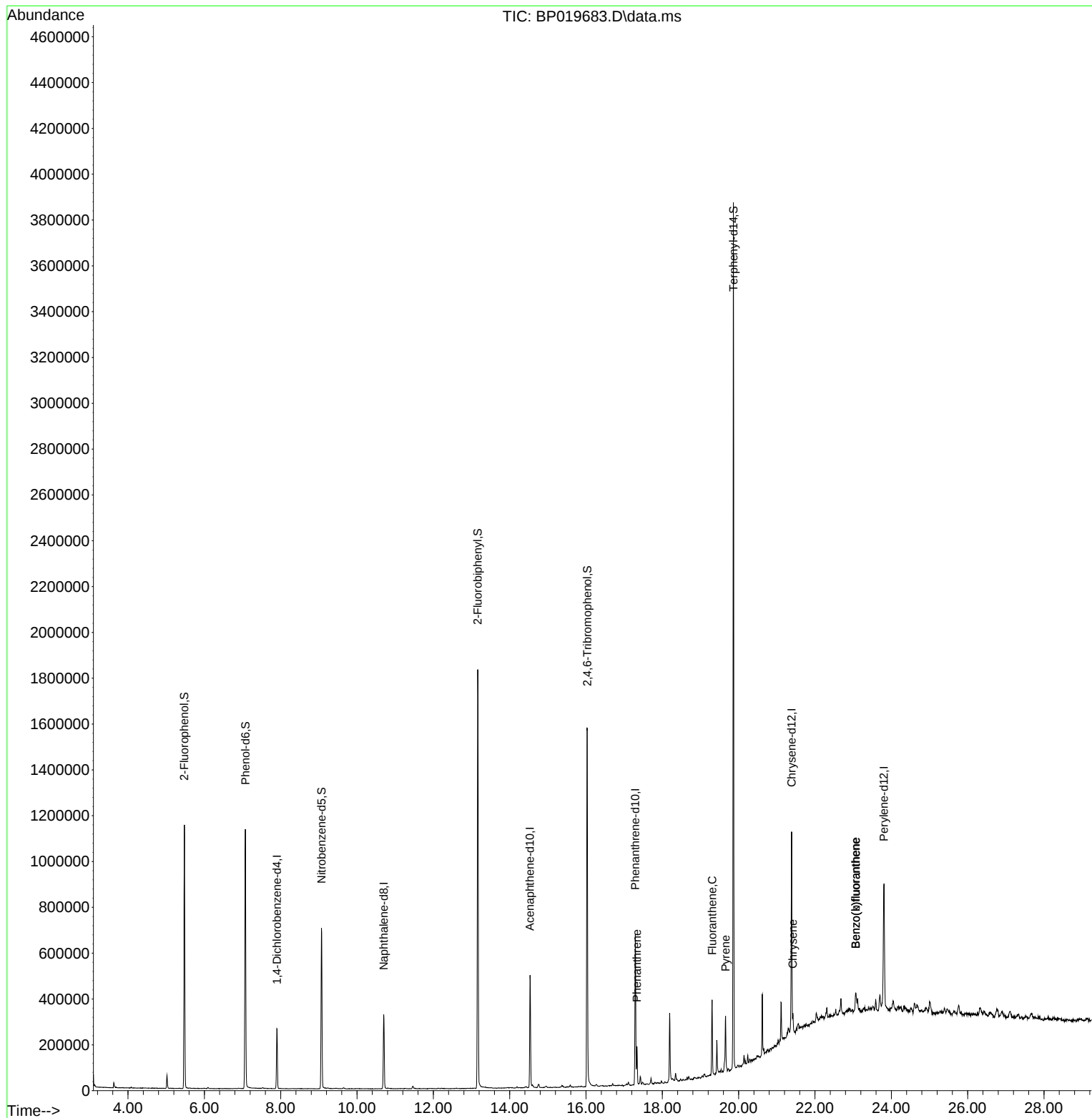
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	71599	20.000	ng	-0.01
21) Naphthalene-d8	10.699	136	267263	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	177793	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	418901	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	417955	20.000	ng	0.00
86) Perylene-d12	23.804	264	476352	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	477152	107.422	ng	-0.01
7) Phenol-d6	7.075	99	619912	103.505	ng	-0.01
23) Nitrobenzene-d5	9.069	82	423346	68.637	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	353361	136.123	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1012404	70.394	ng	-0.02
79) Terphenyl-d14	19.863	244	1894213	74.532	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.333	178	101701	4.613	ng	99
75) Fluoranthene	19.304	202	195894	7.274	ng	99
78) Pyrene	19.657	202	149014	5.052	ng	99
83) Chrysene	21.421	228	57720	2.066	ng	98
88) Benzo(b)fluoranthene	23.068	252	73593	2.451	ng #	87
89) Benzo(k)fluoranthene	23.068	252	73593	2.566	ng #	86

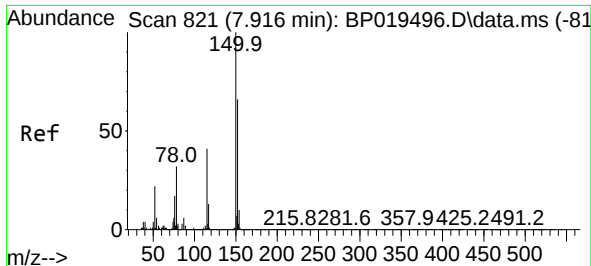
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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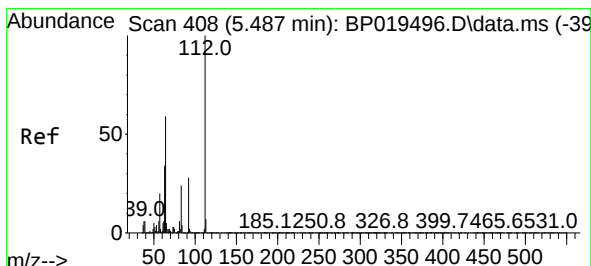
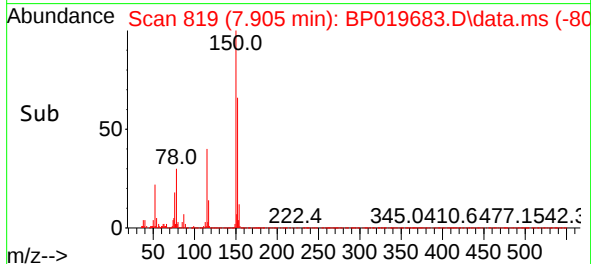
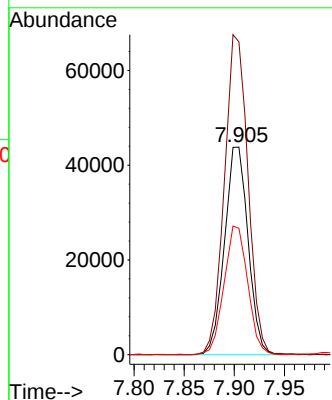
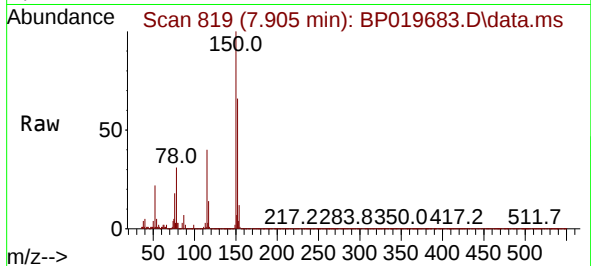




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

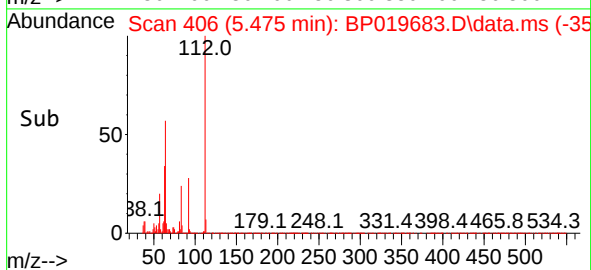
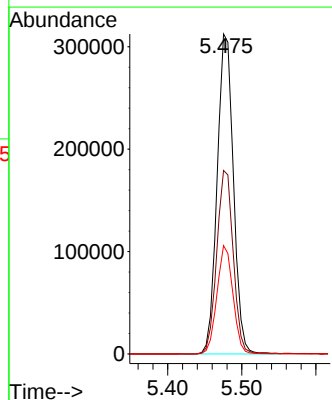
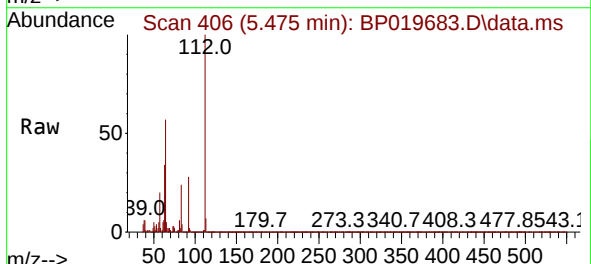
Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion:152 Resp: 71599
Ion Ratio Lower Upper
152 100
150 150.7 121.8 182.8
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 107.422 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:112 Resp: 477152
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.0
63 33.8 27.0 40.6

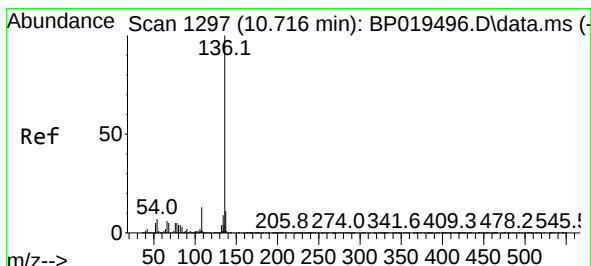
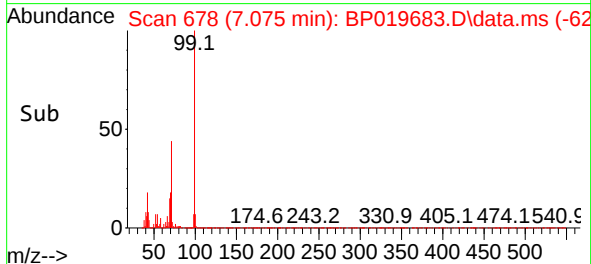
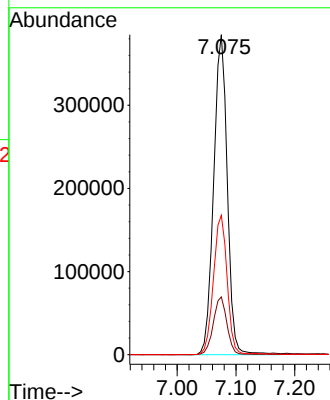
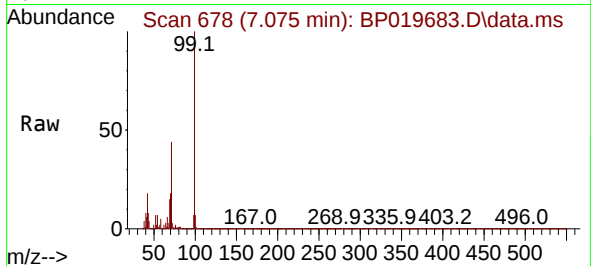




#7
Phenol-d6
Concen: 103.505 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

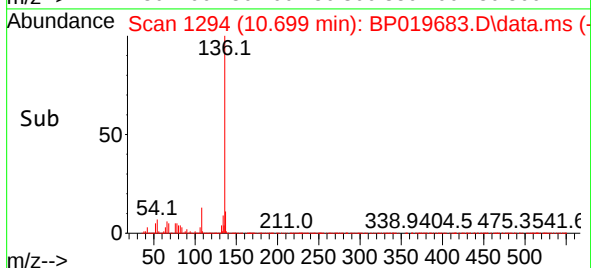
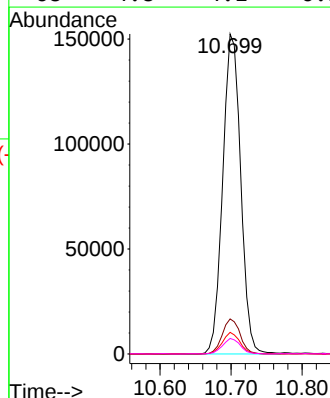
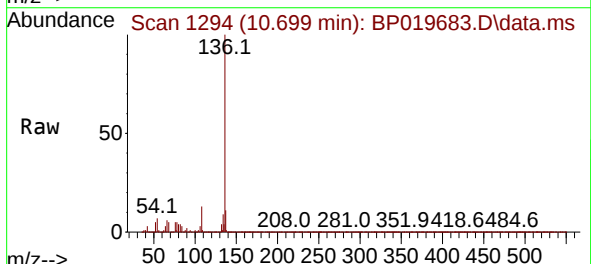
Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion: 99 Resp: 619912
Ion Ratio Lower Upper
99 100
42 18.1 14.7 22.1
71 43.6 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion: 136 Resp: 267263
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.8 5.3 7.9
68 4.8 4.1 6.1

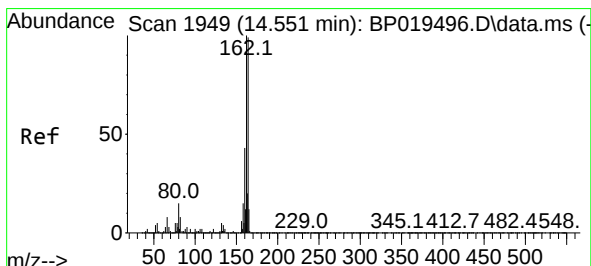
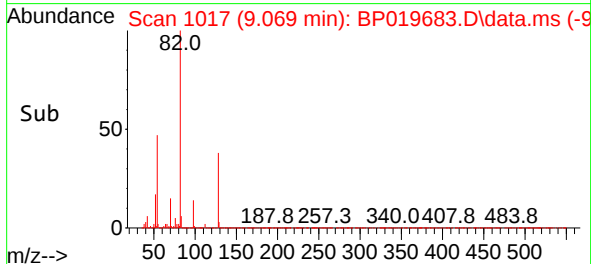
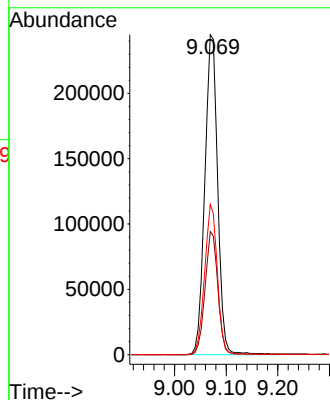
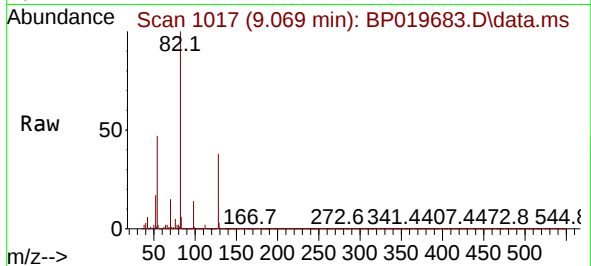




#23
Nitrobenzene-d5
Concen: 68.637 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

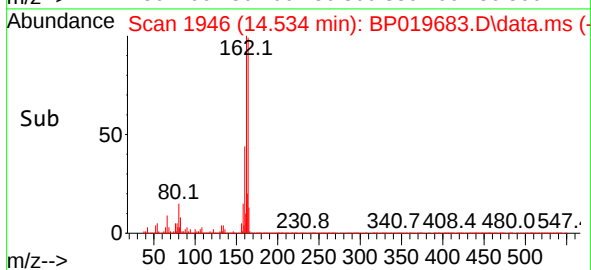
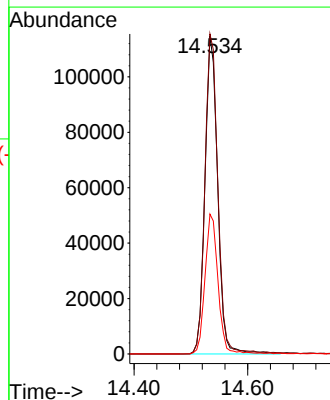
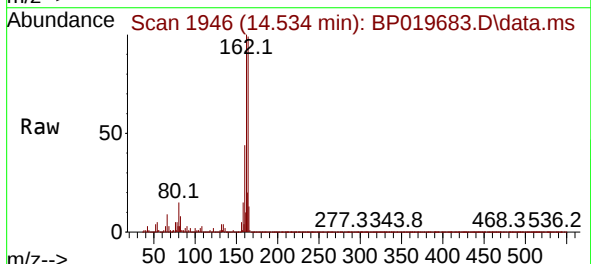
Instrument :
BNA_P
ClientSampleId :
HD-02-020924

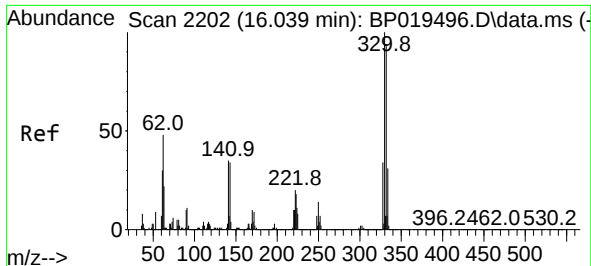
Tgt Ion: 82 Resp: 423346
Ion Ratio Lower Upper
82 100
128 38.4 29.7 44.5
54 46.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion: 164 Resp: 177793
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 44.0 35.1 52.7

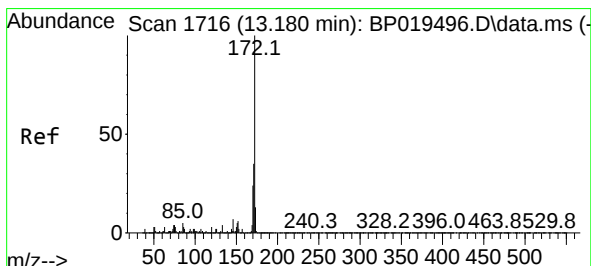
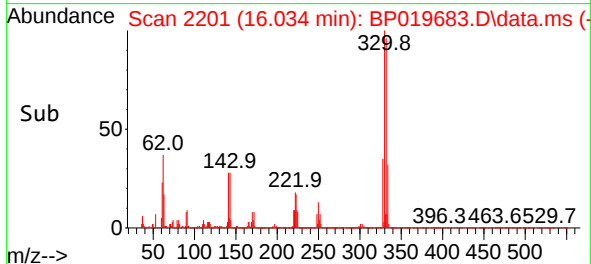
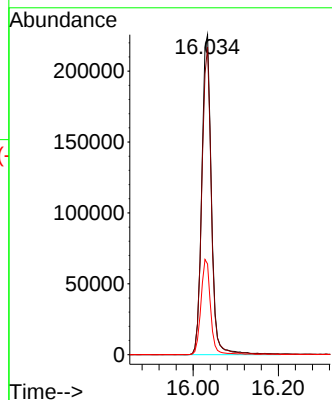
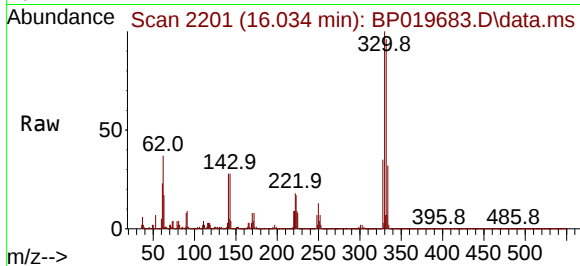




#42
2,4,6-Tribromophenol
Concen: 136.123 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

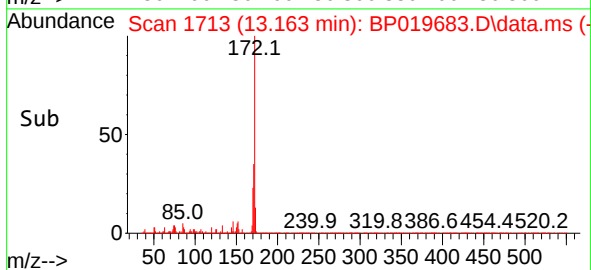
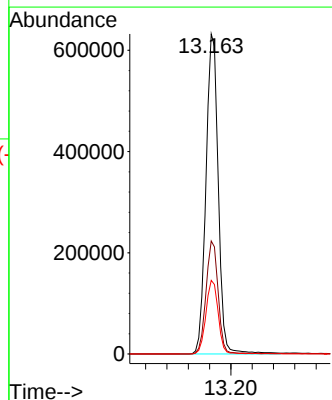
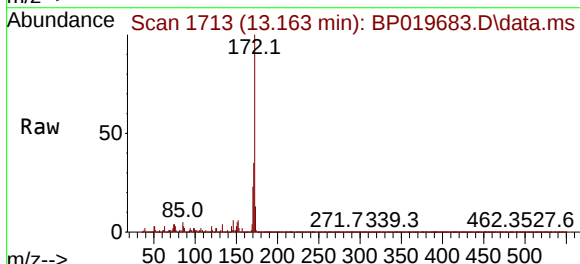
Instrument :
BNA_P
ClientSampleId :
HD-02-020924

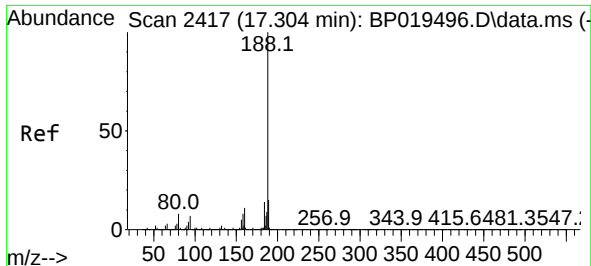
Tgt Ion: 330 Resp: 353361
Ion Ratio Lower Upper
330 100
332 94.9 77.2 115.8
141 29.7 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 70.394 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion: 172 Resp: 1012404
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.0 18.9 28.3

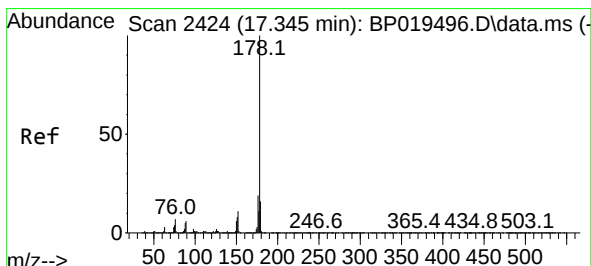
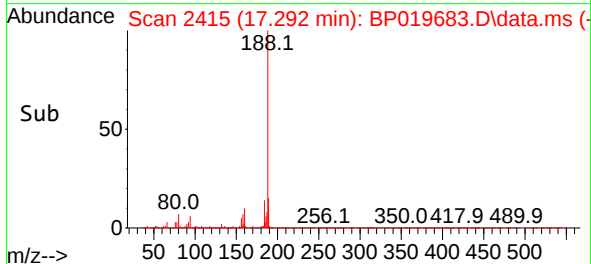
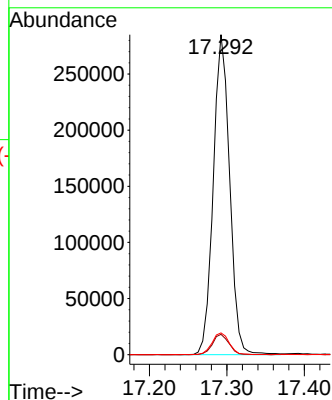
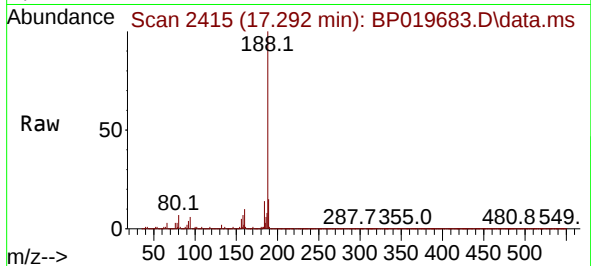




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

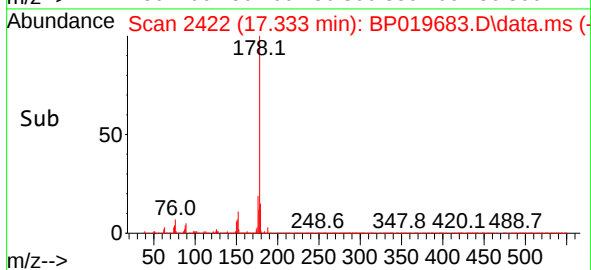
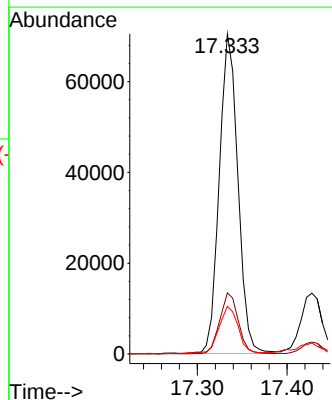
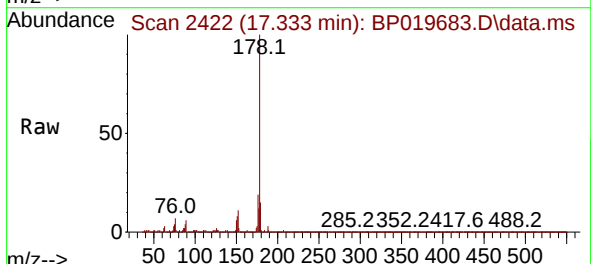
Instrument :
BNA_P
ClientSampleId :
HD-02-020924

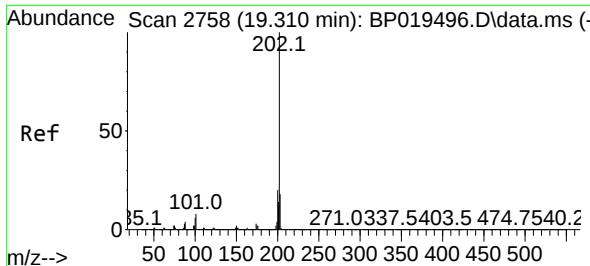
Tgt Ion:188 Resp: 418901
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.2
80 6.8 6.3 9.5



#71
Phenanthrene
Concen: 4.613 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:178 Resp: 101701
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 14.9 12.6 19.0

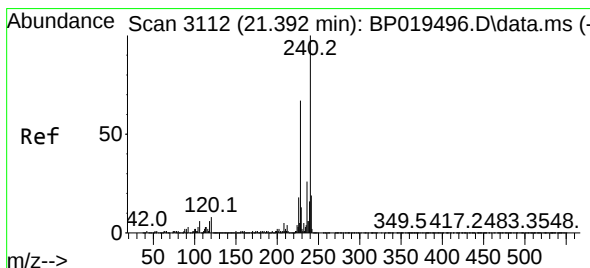
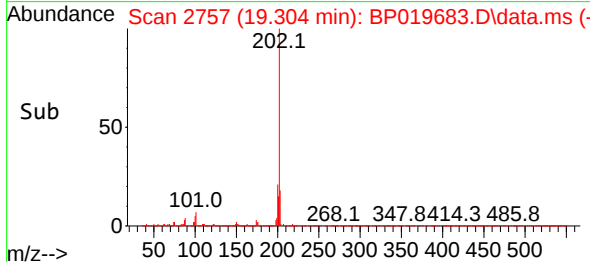
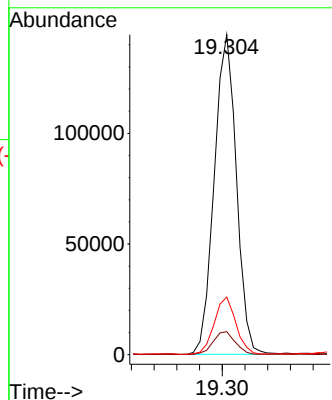
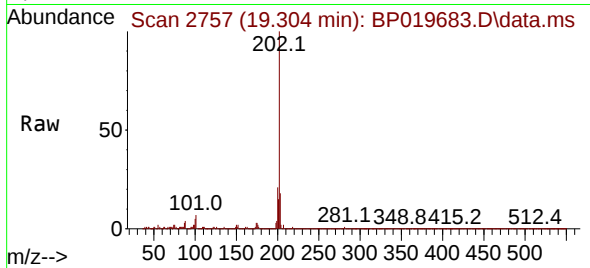




#75
Fluoranthene
Concen: 7.274 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

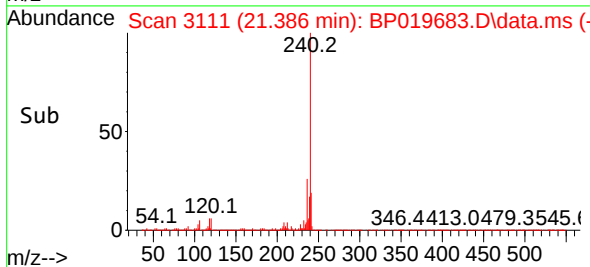
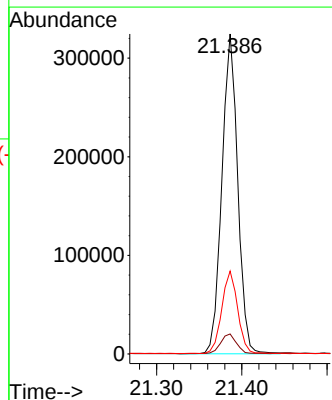
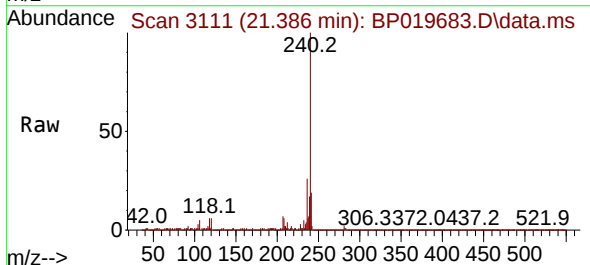
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BNA_P
ClientSampleId :
HD-02-020924

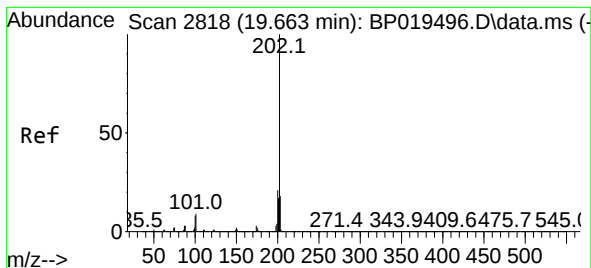
Tgt Ion:202 Resp: 195894
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.7
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:240 Resp: 417955
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 25.9 20.7 31.1





#78

Pyrene

Concen: 5.052 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019683.D

Acq: 13 Feb 2024 18:16

Instrument :

BNA_P

ClientSampleId :

HD-02-020924

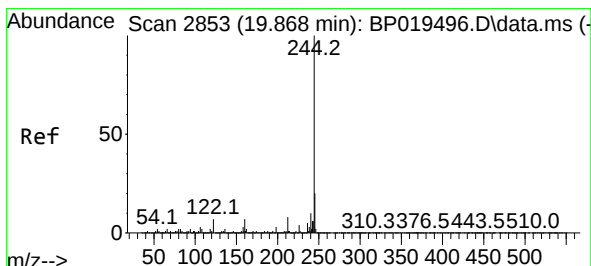
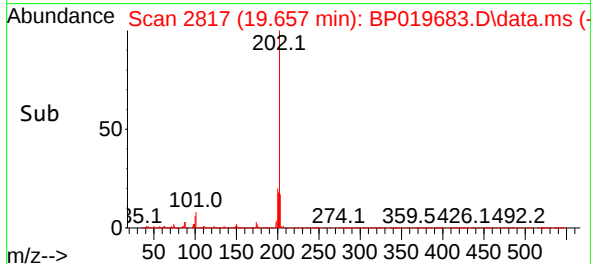
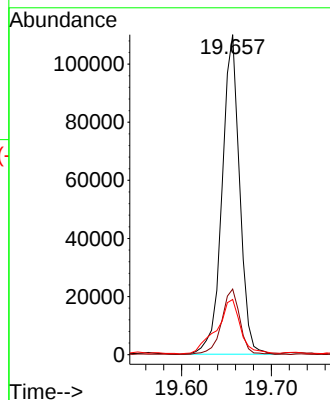
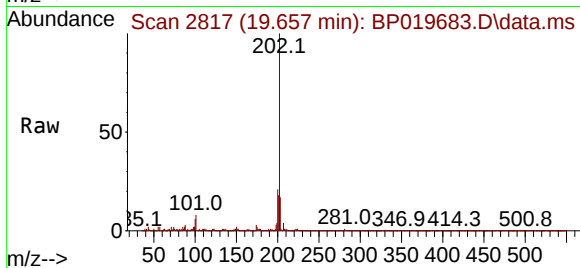
Tgt Ion:202 Resp: 149014

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 17.3 14.2 21.2



#79

Terphenyl-d14

Concen: 74.532 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019683.D

Acq: 13 Feb 2024 18:16

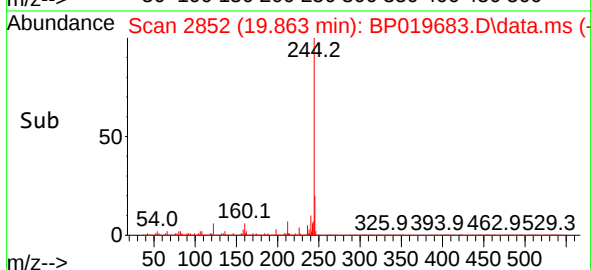
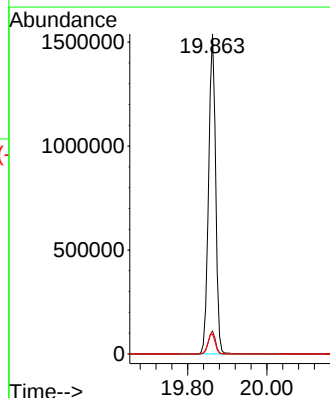
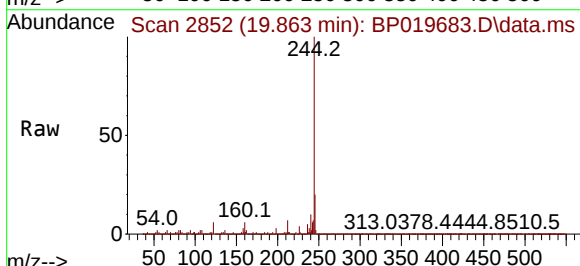
Tgt Ion:244 Resp: 1894213

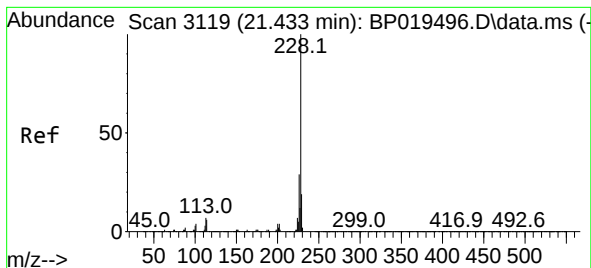
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.2 5.9 8.9





#83

Chrysene

Concen: 2.066 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP019683.D

Acq: 13 Feb 2024 18:16

Instrument :

BNA_P

ClientSampleId :

HD-02-020924

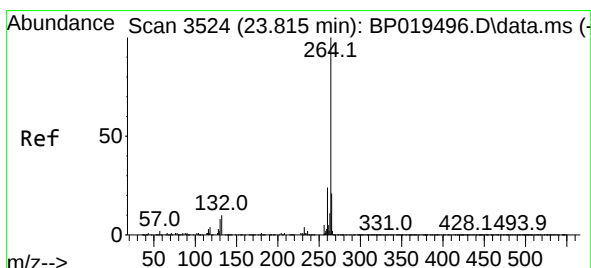
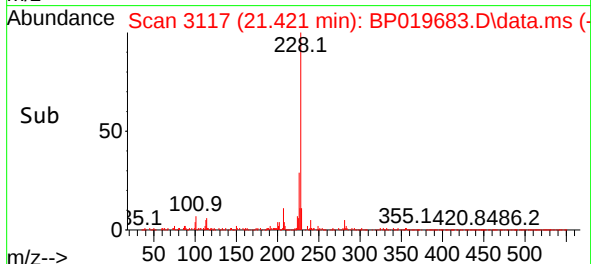
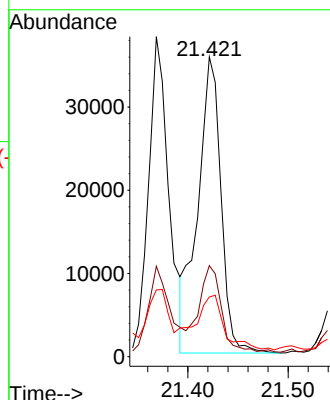
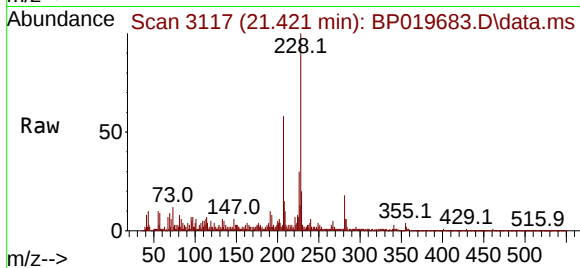
Tgt Ion:228 Resp: 57720

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.2

229 19.9 15.6 23.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019683.D

Acq: 13 Feb 2024 18:16

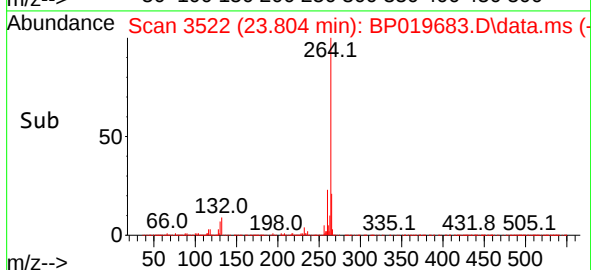
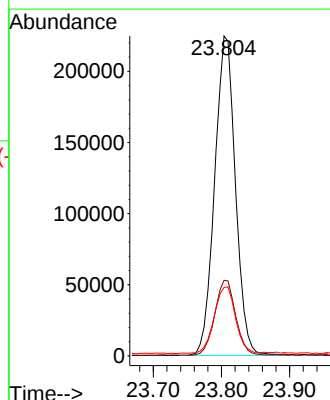
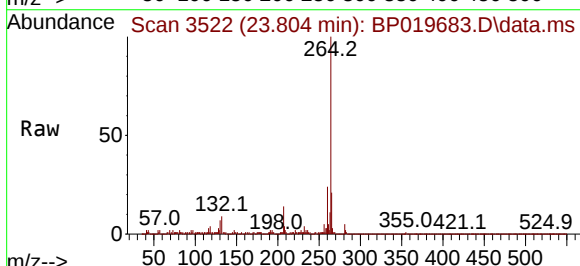
Tgt Ion:264 Resp: 476352

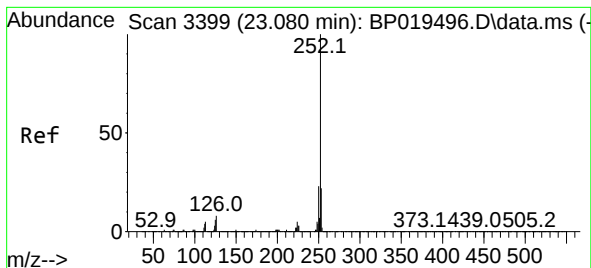
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.451 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.012 min

Lab File: BP019683.D

Acq: 13 Feb 2024 18:16

Instrument :

BNA_P

ClientSampleId :

HD-02-020924

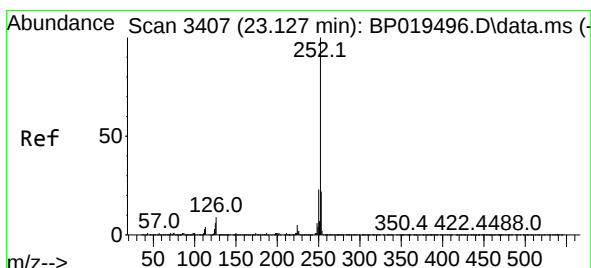
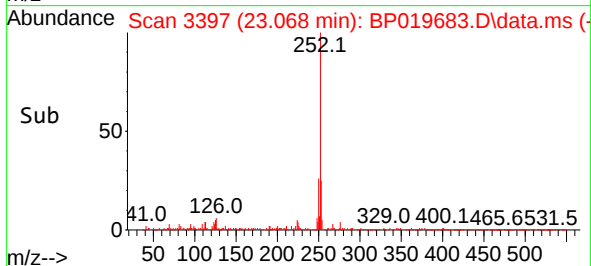
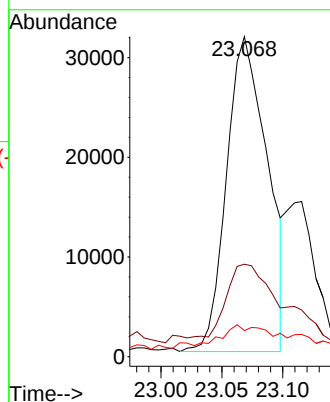
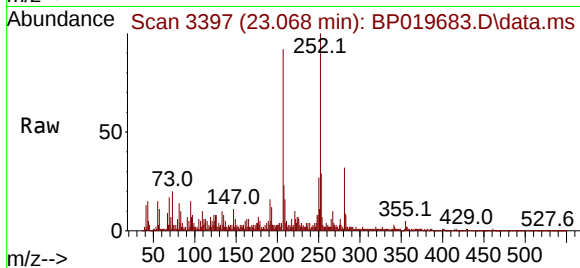
Tgt Ion:252 Resp: 73593

Ion Ratio Lower Upper

252 100

253 28.9 17.3 25.9#

125 8.2 4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 2.566 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.059 min

Lab File: BP019683.D

Acq: 13 Feb 2024 18:16

Tgt Ion:252 Resp: 73593

Ion Ratio Lower Upper

252 100

253 28.9 17.1 25.7#

125 8.2 5.0 7.6#

