

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
 Data File : BP019689.D
 Acq On : 13 Feb 2024 21:40
 Operator : MA/JU
 Sample : P1450-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-02092024

Quant Time: Feb 13 23:28:13 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)

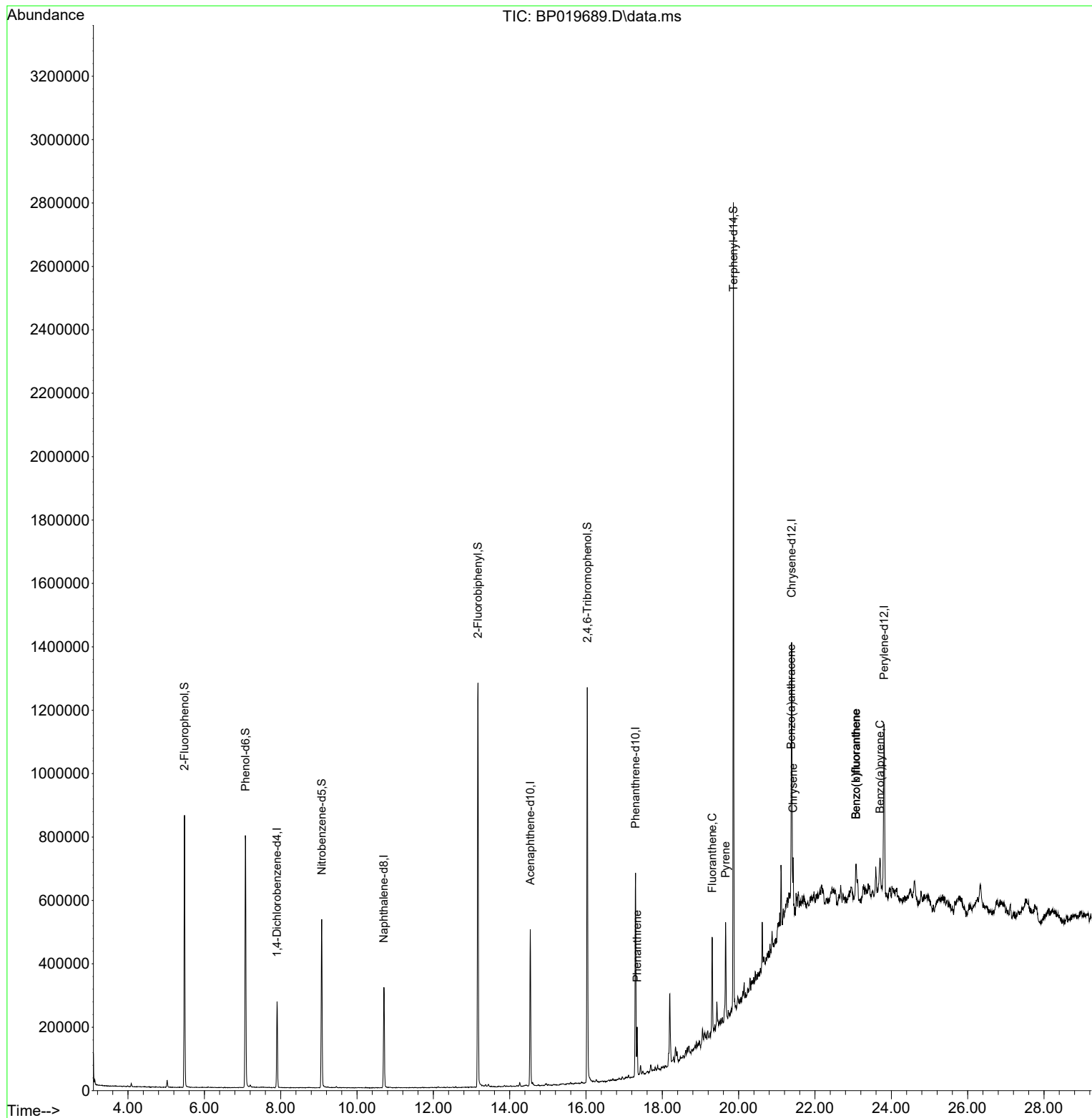
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	73213	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	262183	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	175506	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	411261	20.000	ng	0.00
76) Chrysene-d12	21.386	240	398061	20.000	ng	0.00
86) Perylene-d12	23.810	264	469377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	352338	77.574	ng	0.00
7) Phenol-d6	7.075	99	449487	73.395	ng	-0.01
23) Nitrobenzene-d5	9.075	82	317450	52.465	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	265958	103.788	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	685822	48.308	ng	-0.01
79) Terphenyl-d14	19.863	244	1239751	51.219	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.339	178	89926	4.155	ng	98
75) Fluoranthene	19.304	202	188950	7.146	ng	98
78) Pyrene	19.657	202	188147	6.697	ng	99
81) Benzo(a)anthracene	21.375	228	105359	3.760	ng	91
83) Chrysene	21.427	228	96140	3.614	ng	94
88) Benzo(b)fluoranthene	23.074	252	112077	3.789	ng	# 90
89) Benzo(k)fluoranthene	23.074	252	112077	3.966	ng	# 90
90) Benzo(a)pyrene	23.704	252	85576	3.251	ng	# 92

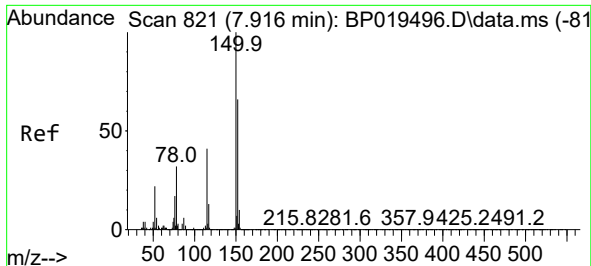
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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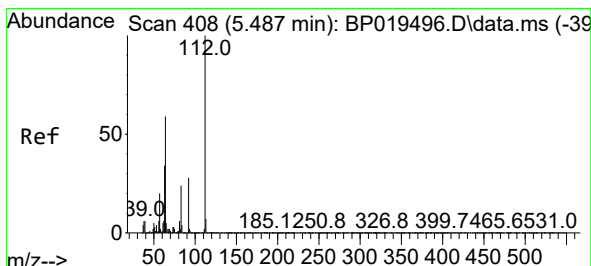
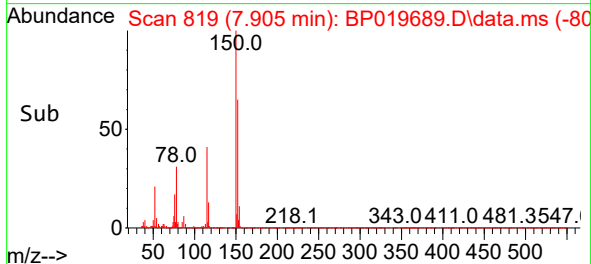
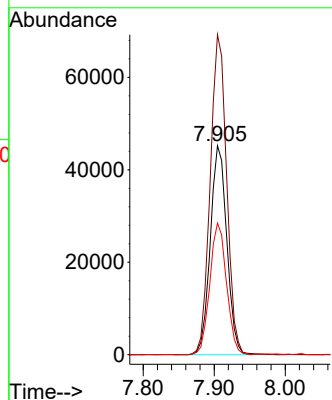
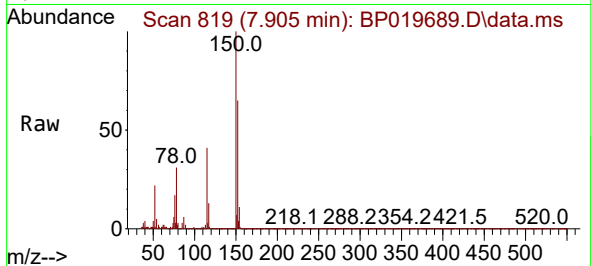




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

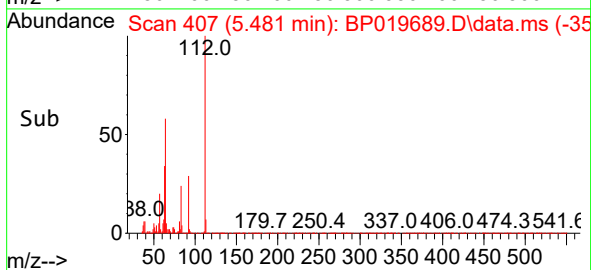
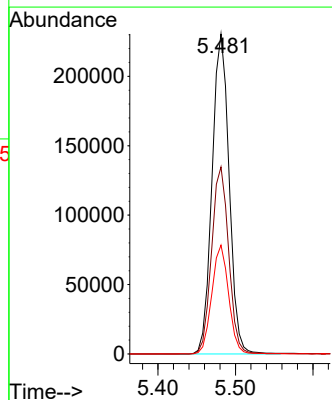
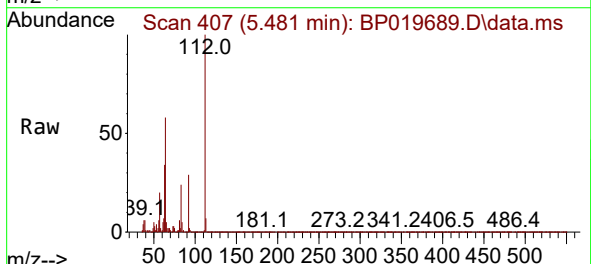
Instrument :
BNA_P
ClientSampleId :
OR-02-02092024

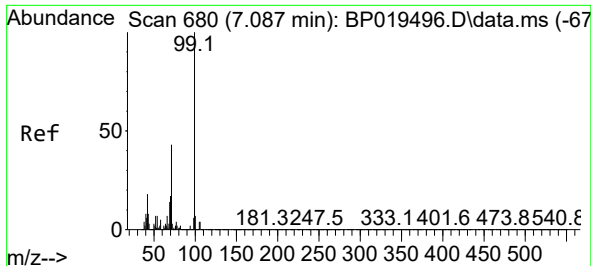
Tgt Ion:152 Resp: 73213
Ion Ratio Lower Upper
152 100
150 153.1 121.8 182.8
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 77.574 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

Tgt Ion:112 Resp: 352338
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.0
63 34.0 27.0 40.6

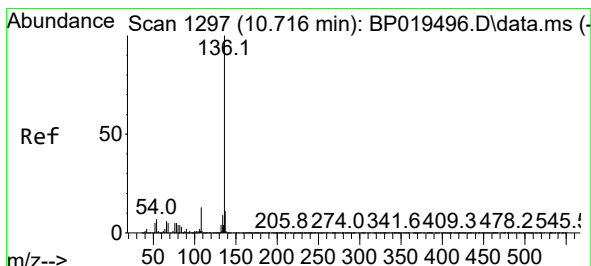
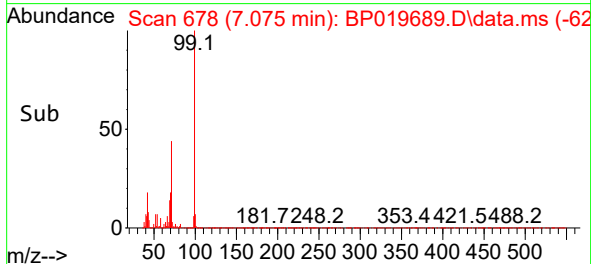
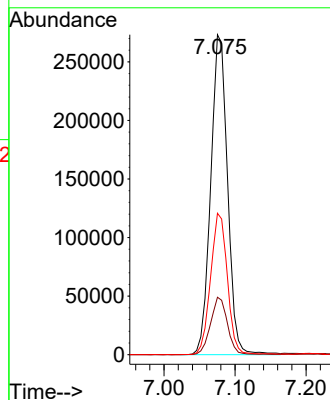
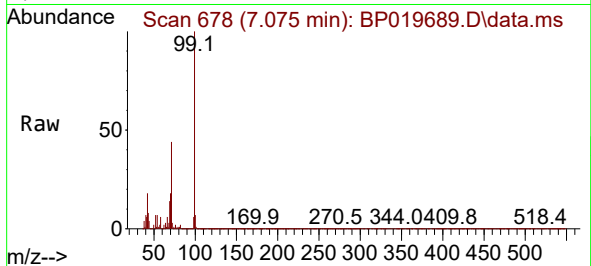




#7
Phenol-d6
Concen: 73.395 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

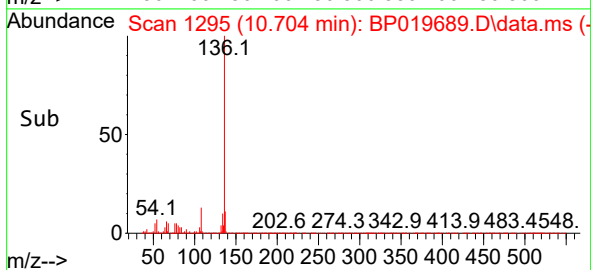
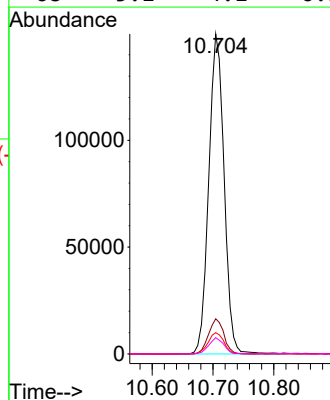
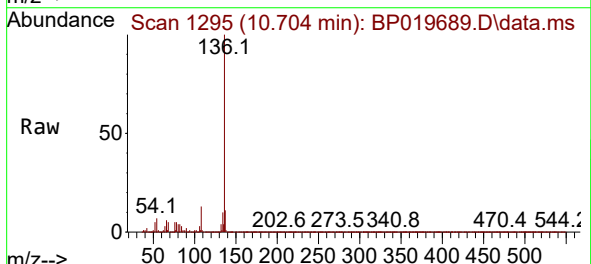
Instrument :
BNA_P
ClientSampleId :
OR-02-02092024

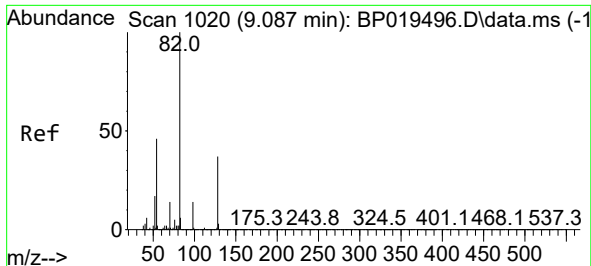
Tgt Ion:	99	Resp:	449487
Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.7	22.1
71	44.2	34.8	52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

Tgt Ion:	136	Resp:	262183
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.3	7.9
68	5.1	4.1	6.1

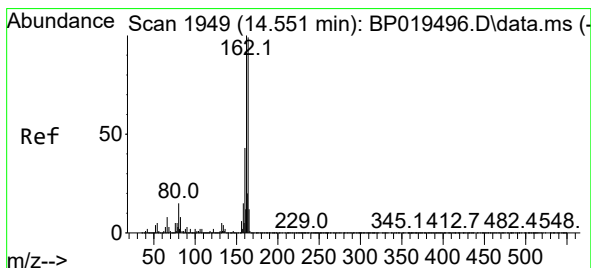
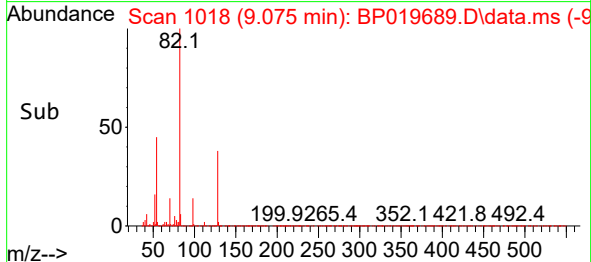
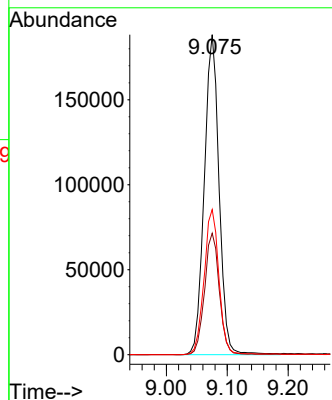
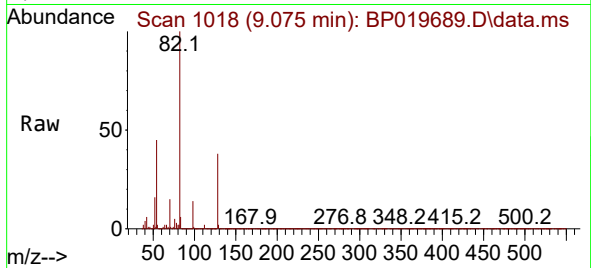




#23
Nitrobenzene-d5
Concen: 52.465 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

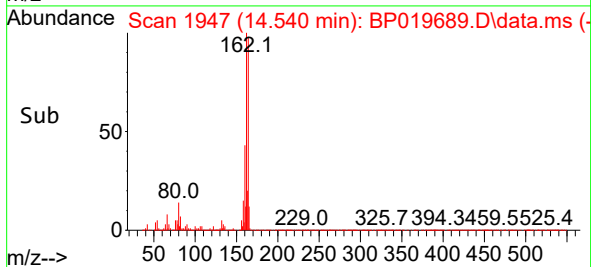
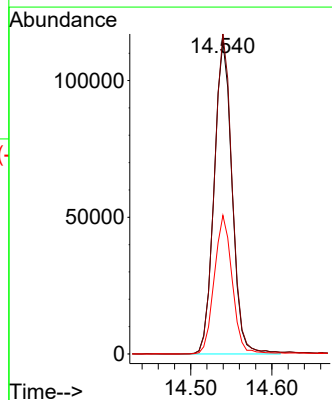
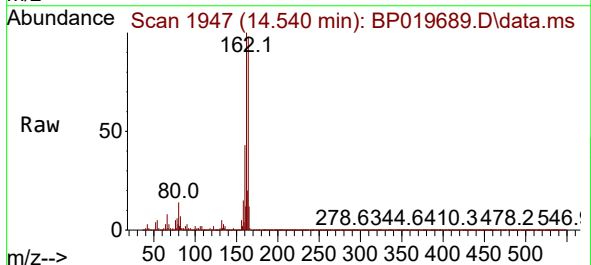
Instrument :
BNA_P
ClientSampleId :
OR-02-02092024

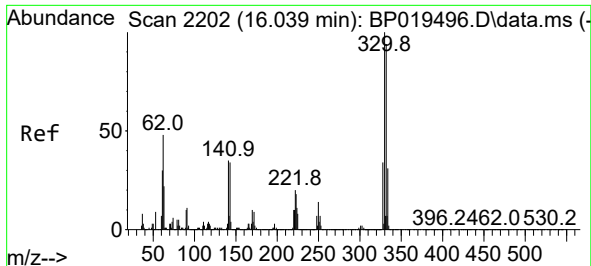
Tgt Ion: 82 Resp: 317450
Ion Ratio Lower Upper
82 100
128 37.9 29.7 44.5
54 45.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

Tgt Ion: 164 Resp: 175506
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 44.4 35.1 52.7

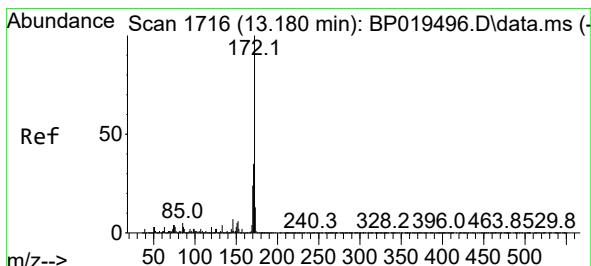
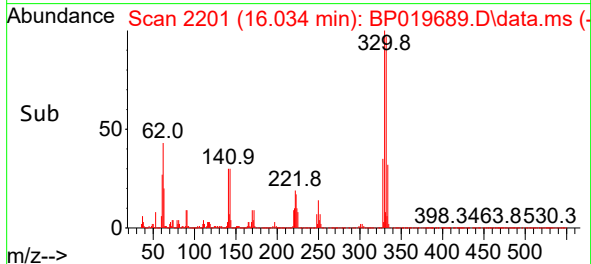
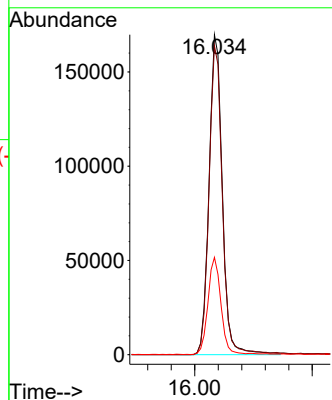
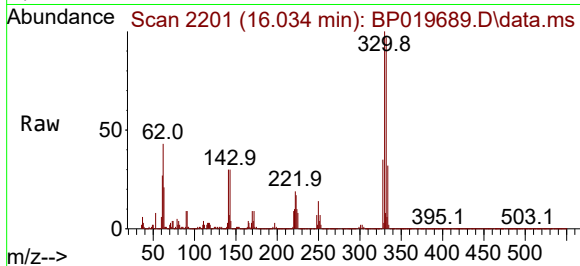




#42
2,4,6-Tribromophenol
Concen: 103.788 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

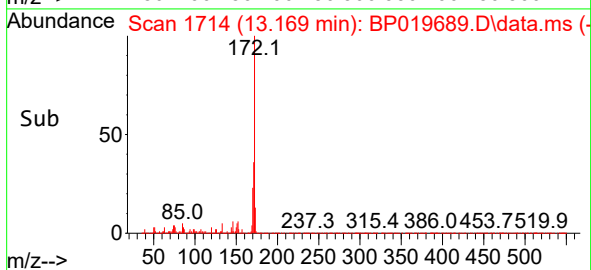
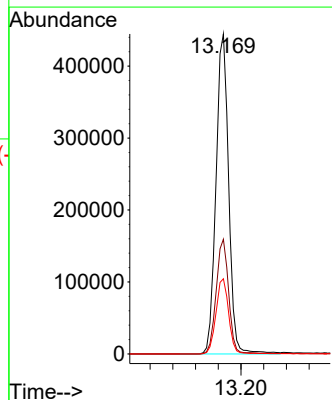
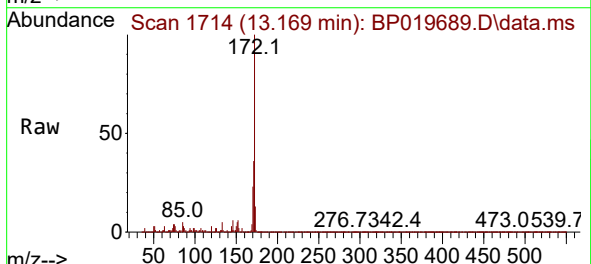
Instrument :
BNA_P
ClientSampleId :
OR-02-02092024

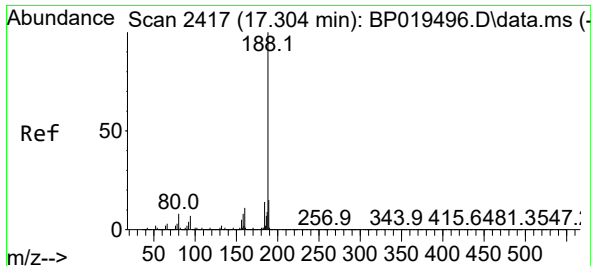
Tgt Ion:330 Resp: 265958
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 29.5 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 48.308 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

Tgt Ion:172 Resp: 685822
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.4
170 23.5 18.9 28.3

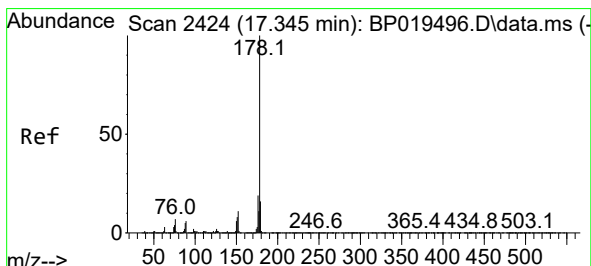
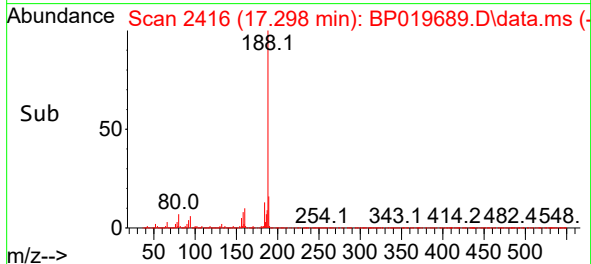
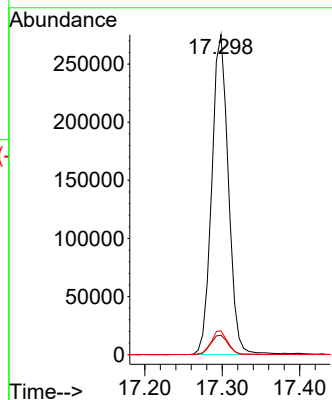
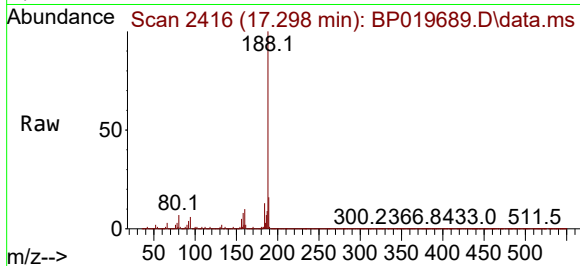




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

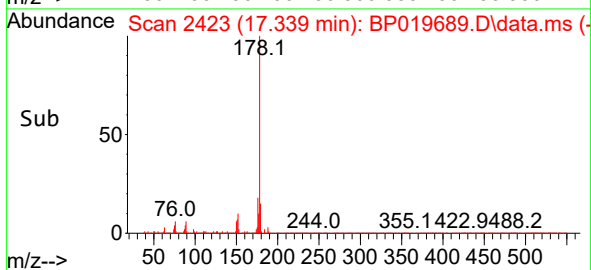
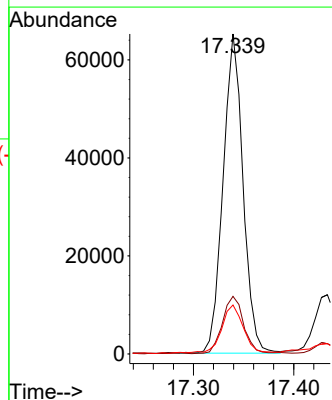
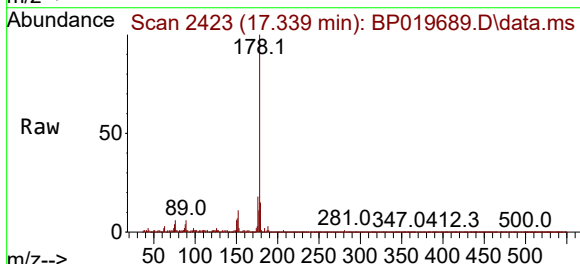
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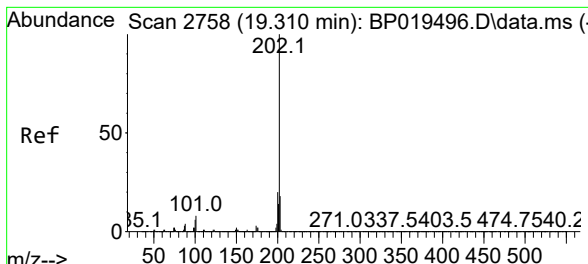
Tgt Ion:188 Resp: 411261
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.2
80 7.5 6.3 9.5



#71
Phenanthrene
Concen: 4.155 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

Tgt Ion:178 Resp: 89926
Ion Ratio Lower Upper
178 100
176 18.0 15.5 23.3
179 15.3 12.6 19.0

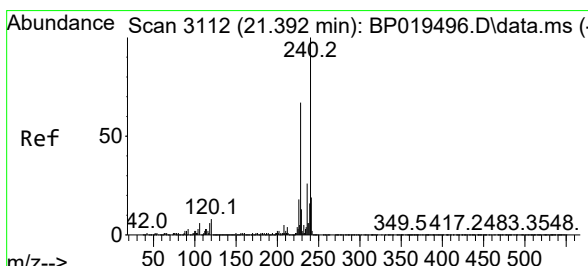
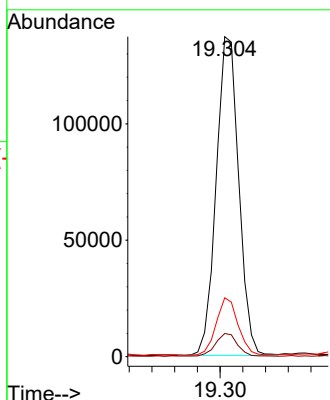
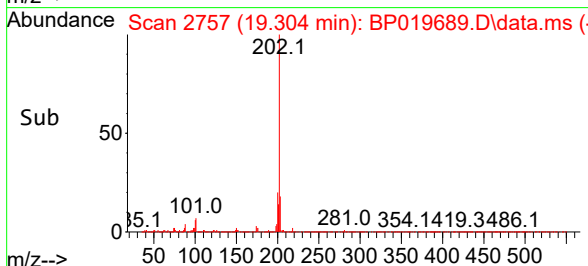
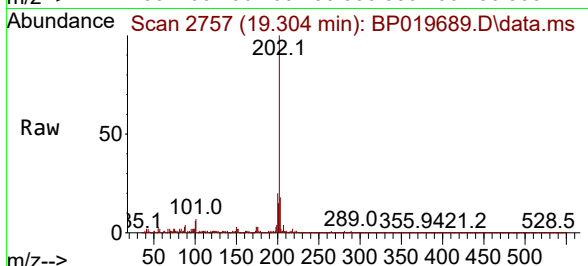




#75
 Fluoranthene
 Concen: 7.146 ng
 RT: 19.304 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019689.D
 Acq: 13 Feb 2024 21:40

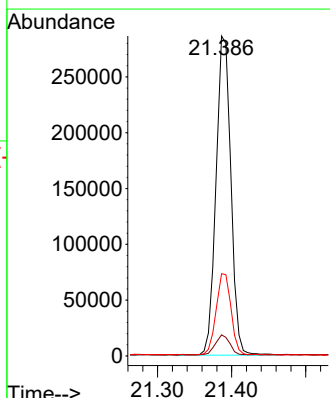
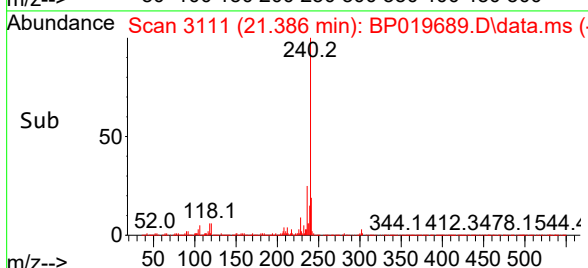
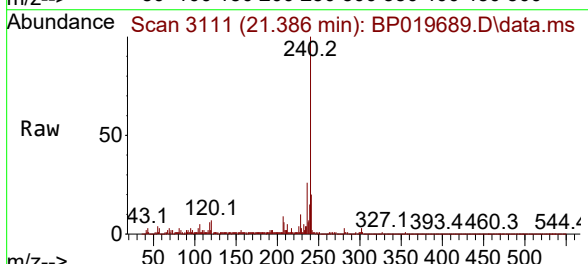
Instrument :
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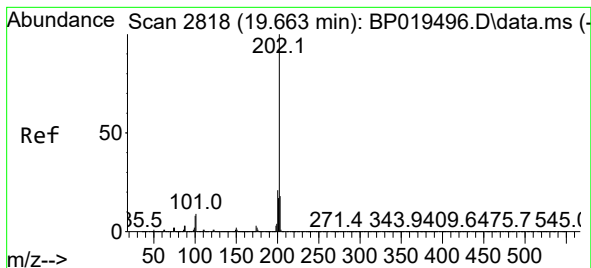
Tgt Ion:	202	Resp:	188950
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	27.7
203	18.4	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BP019689.D
 Acq: 13 Feb 2024 21:40

Tgt Ion:	240	Resp:	398061
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.1	9.1
236	25.7	20.7	31.1





#78

Pyrene

Concen: 6.697 ng

RT: 19.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019689.D

Acq: 13 Feb 2024 21:40

Instrument :

BNA_P

ClientSampleId :

OR-02-02092024

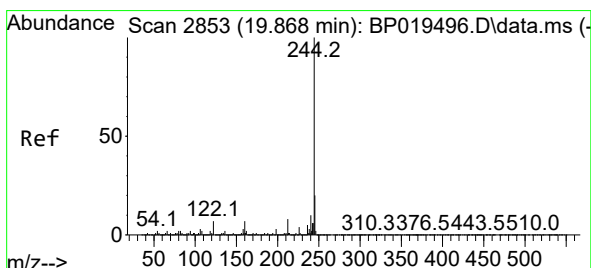
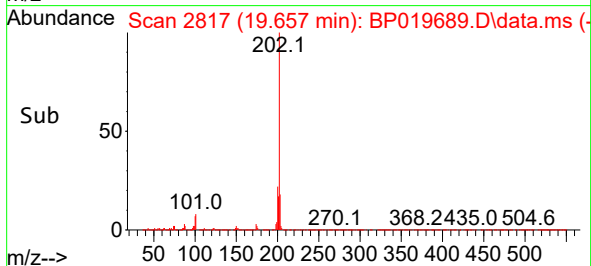
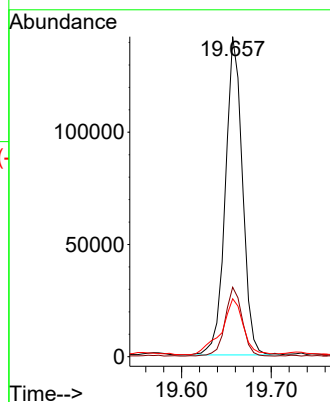
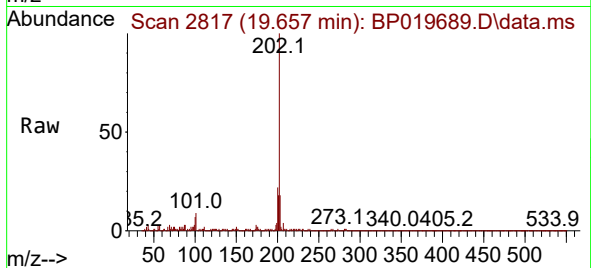
Tgt Ion:202 Resp: 188147

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

203 18.1 14.2 21.2



#79

Terphenyl-d14

Concen: 51.219 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019689.D

Acq: 13 Feb 2024 21:40

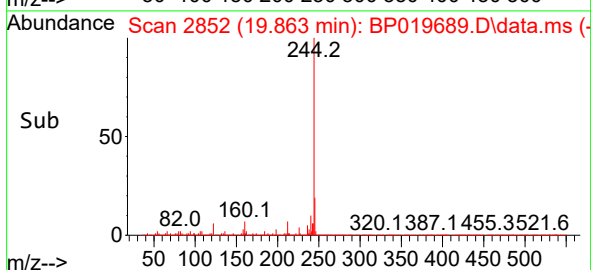
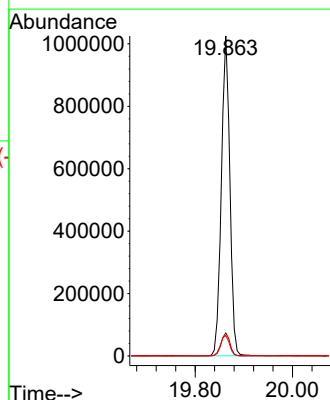
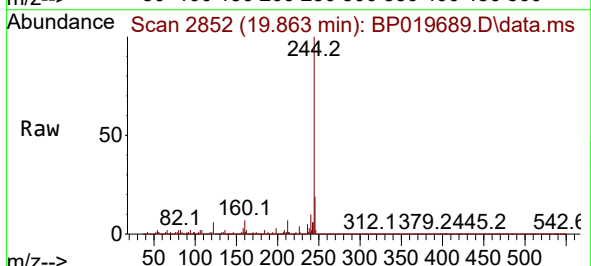
Tgt Ion:244 Resp: 1239751

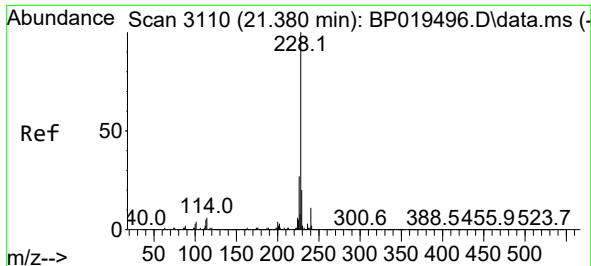
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.4 5.9 8.9

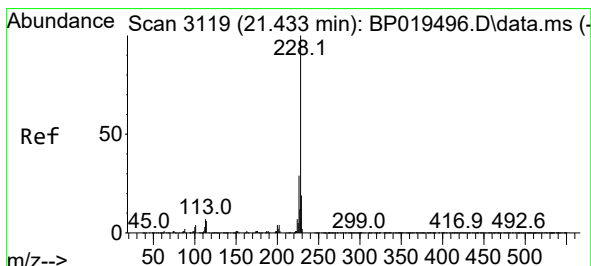
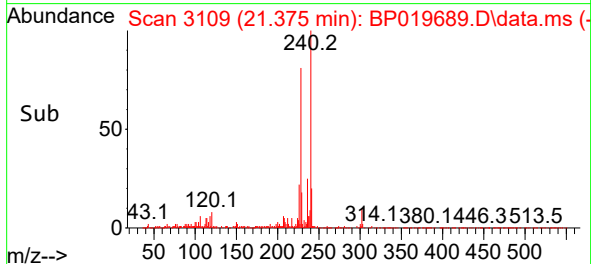
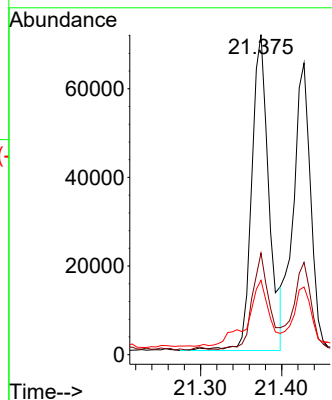
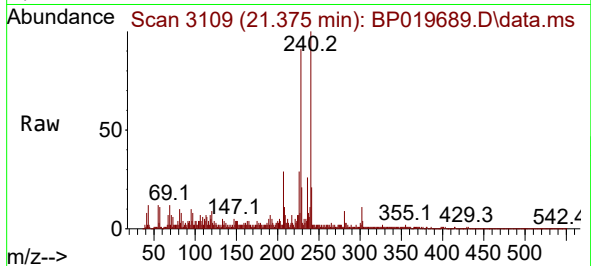




#81
Benzo(a)anthracene
Concen: 3.760 ng
RT: 21.375 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

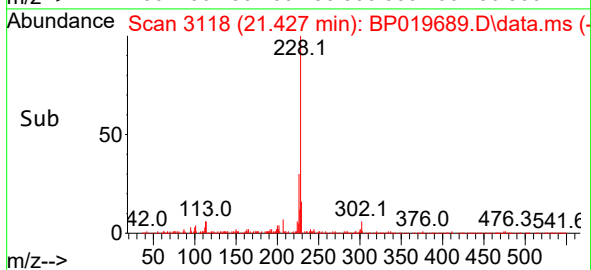
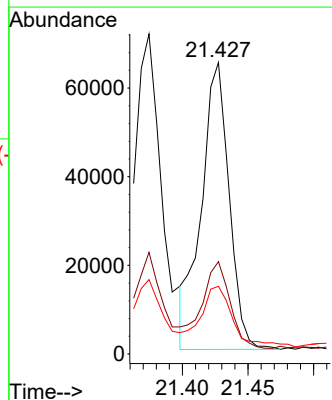
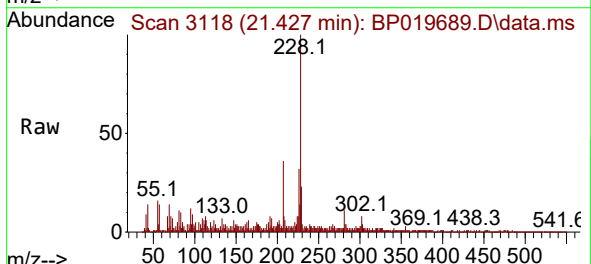
Instrument :
BNA_P
ClientSampleId :
OR-02-02092024

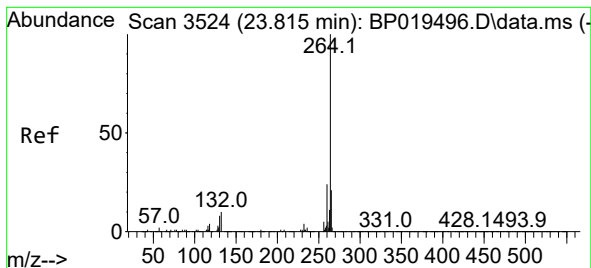
Tgt Ion:228 Resp: 105359
Ion Ratio Lower Upper
228 100
226 31.7 21.7 32.5
229 23.3 15.6 23.4



#83
Chrysene
Concen: 3.614 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

Tgt Ion:228 Resp: 96140
Ion Ratio Lower Upper
228 100
226 31.7 23.4 35.2
229 23.2 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019689.D

Acq: 13 Feb 2024 21:40

Instrument :

BNA_P

ClientSampleId :

OR-02-02092024

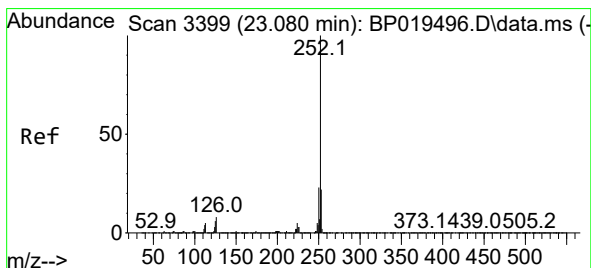
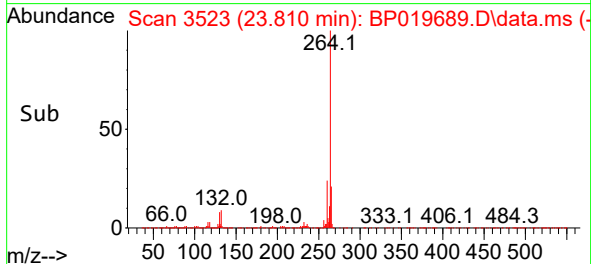
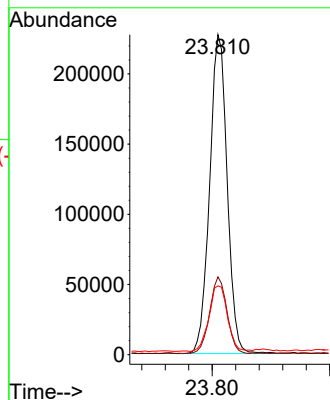
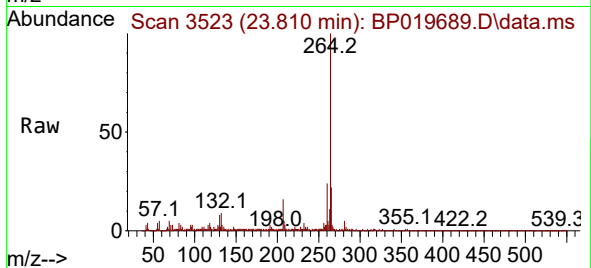
Tgt Ion:264 Resp: 469377

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.5 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 3.789 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019689.D

Acq: 13 Feb 2024 21:40

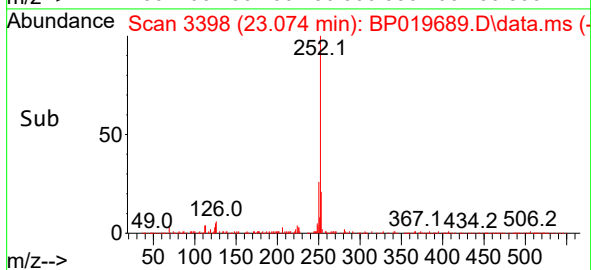
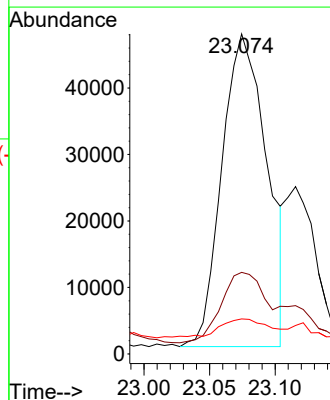
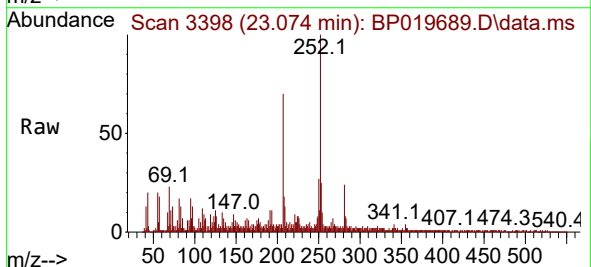
Tgt Ion:252 Resp: 112077

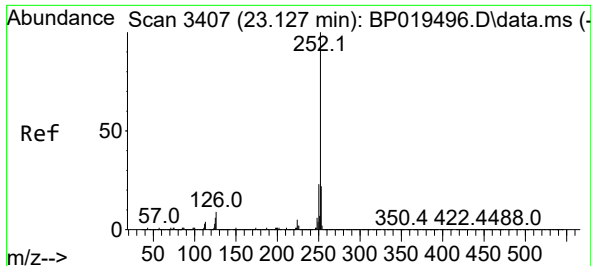
Ion Ratio Lower Upper

252 100

253 25.5 17.3 25.9

125 11.0 4.9 7.3#

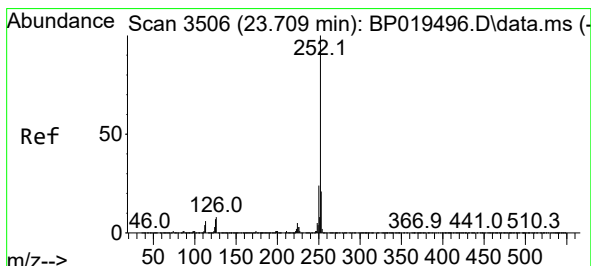
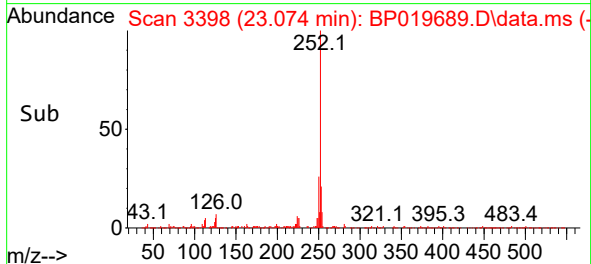
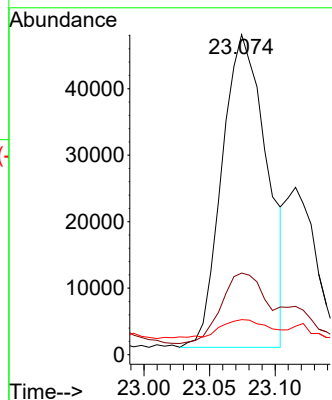
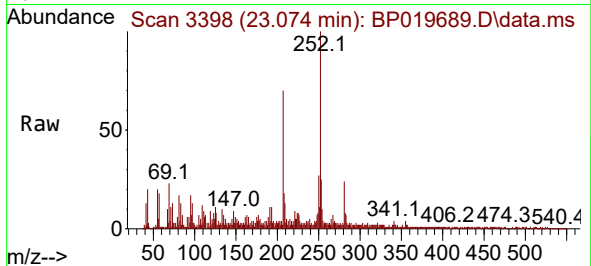




#89
Benzo(k)fluoranthene
Concen: 3.966 ng
RT: 23.074 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

Instrument :
BNA_P
ClientSampleId :
OR-02-02092024

Tgt Ion:252 Resp: 112077
Ion Ratio Lower Upper
252 100
253 25.5 17.1 25.7
125 11.0 5.0 7.6#



#90
Benzo(a)pyrene
Concen: 3.251 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019689.D
Acq: 13 Feb 2024 21:40

Tgt Ion:252 Resp: 85576
Ion Ratio Lower Upper
252 100
253 24.9 17.1 25.7
125 10.5 5.6 8.4#

