

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010596.D
 Acq On : 28 May 2022 12:53
 Operator : CG/JU
 Sample : N2990-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB-220517

Quant Time: May 28 23:36:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

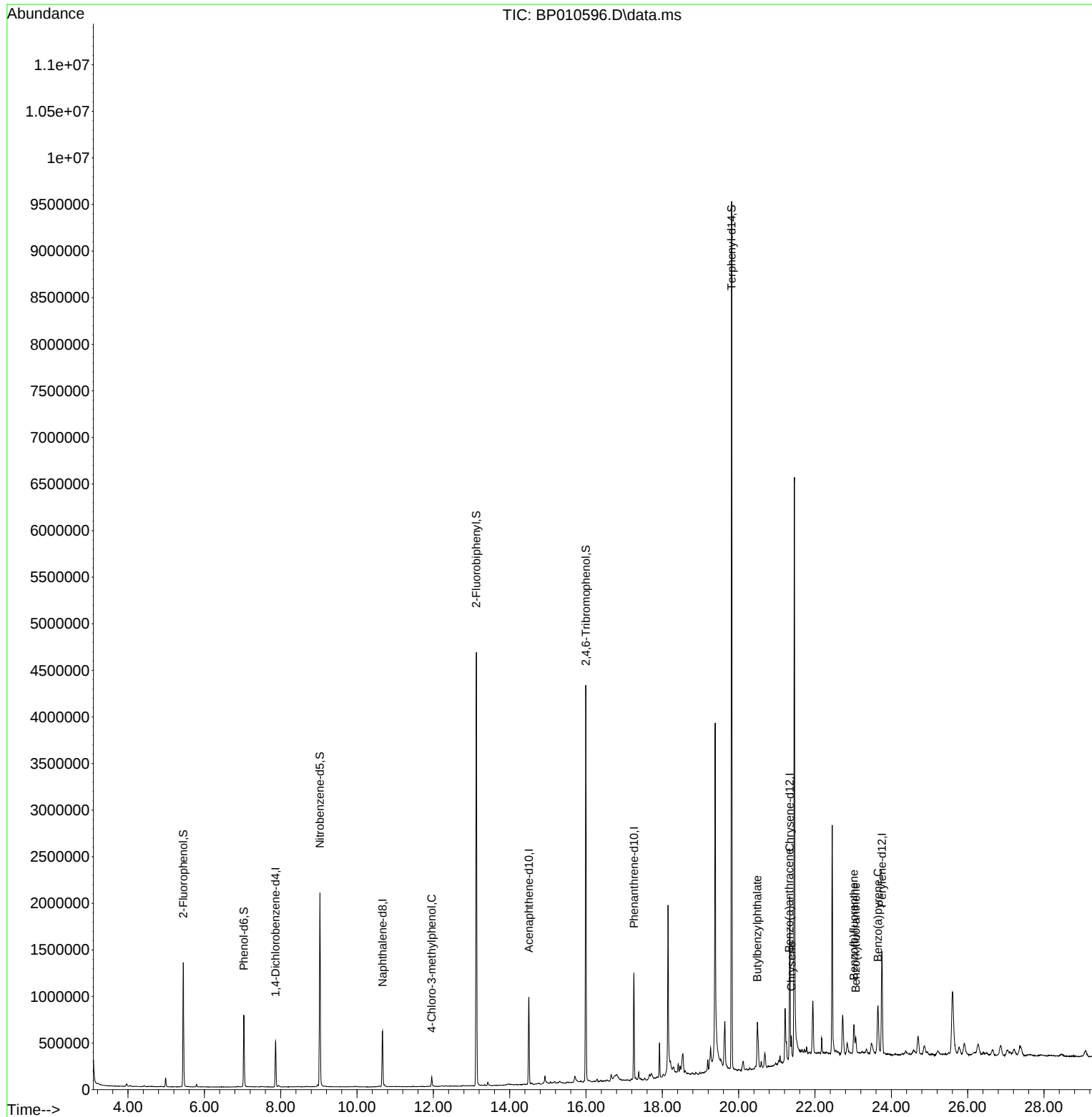
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	121799	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	478140	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	309846	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	685721	20.000	ng	0.00
76) Chrysene-d12	21.339	240	780638	20.000	ng	0.00
86) Perylene-d12	23.756	264	866766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	506136	75.809	ng	0.00
7) Phenol-d6	7.034	99	393194	41.484	ng	0.00
23) Nitrobenzene-d5	9.028	82	1108076	109.566	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	696312	198.531	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	2200501	100.793	ng	0.00
79) Terphenyl-d14	19.815	244	4300475	103.474	ng	0.00
Target Compounds						
						Qvalue
36) 4-Chloro-3-methylphenol	11.957	107	34678	4.278	ng	98
80) Butylbenzylphthalate	20.486	149	49431	2.307	ng	94
81) Benzo(a)anthracene	21.327	228	135562	2.647	ng	99
83) Chrysene	21.380	228	146102	2.908	ng	99
88) Benzo(b)fluoranthene	23.021	252	136536	2.502	ng	99
89) Benzo(k)fluoranthene	23.068	252	128720	2.327	ng	97
90) Benzo(a)pyrene	23.645	252	135952	3.012	ng	# 94

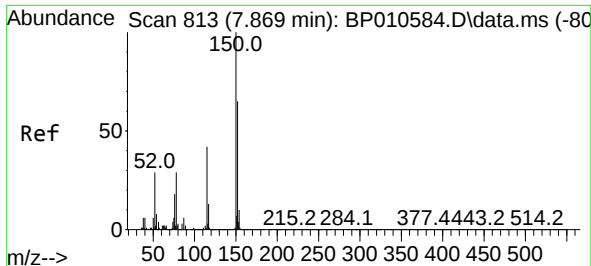
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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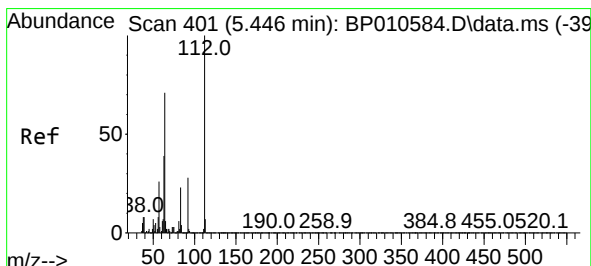
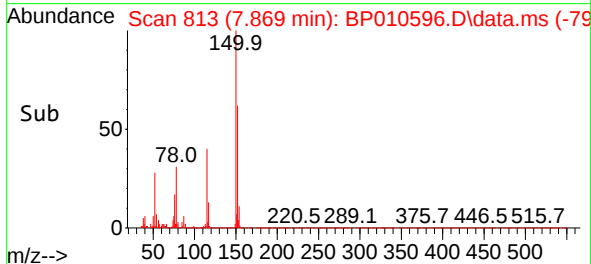
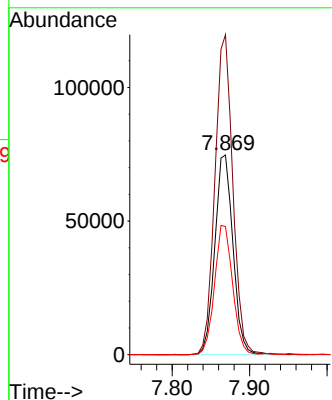
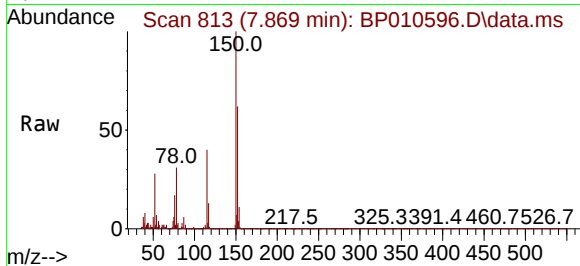




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BP010596.D
 Acq: 28 May 2022 12:53

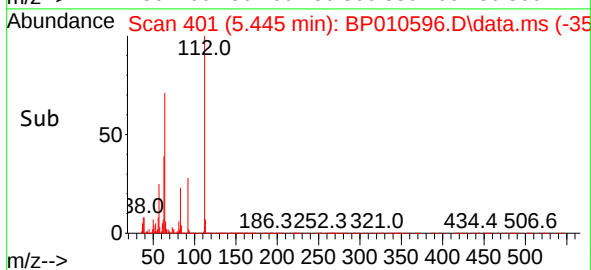
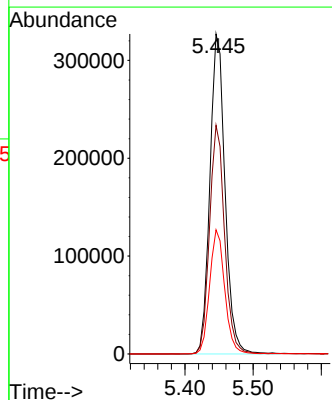
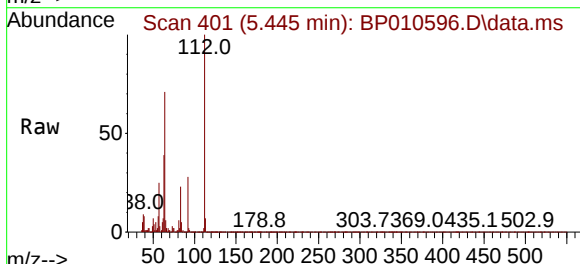
Instrument :
 BNA_P
 ClientSampleId :
 RB-220517

Tgt Ion:152 Resp: 121799
 Ion Ratio Lower Upper
 152 100
 150 160.3 123.4 185.2
 115 64.2 51.3 76.9



#5
 2-Fluorophenol
 Concen: 75.809 ng
 RT: 5.445 min Scan# 401
 Delta R.T. -0.001 min
 Lab File: BP010596.D
 Acq: 28 May 2022 12:53

Tgt Ion:112 Resp: 506136
 Ion Ratio Lower Upper
 112 100
 64 71.4 56.9 85.3
 63 38.8 31.2 46.8

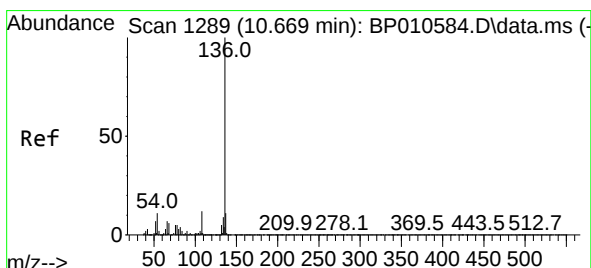
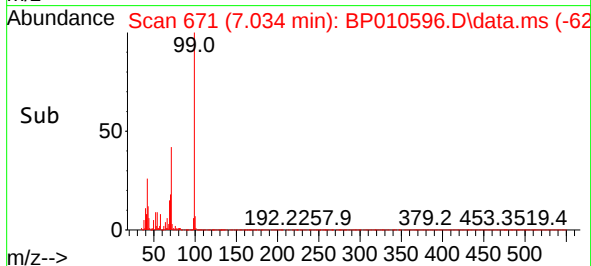
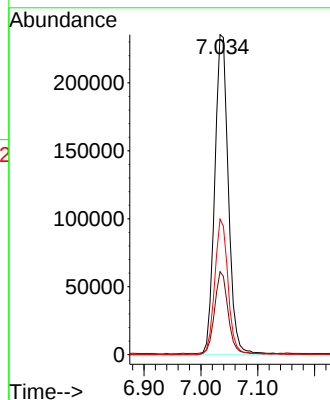
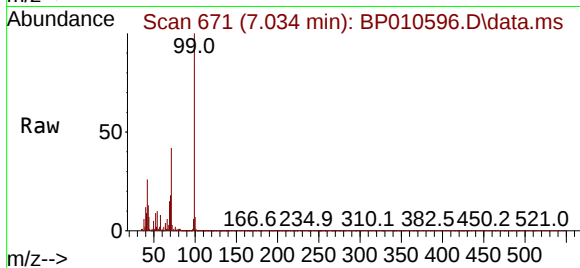




#7
Phenol-d6
Concen: 41.484 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

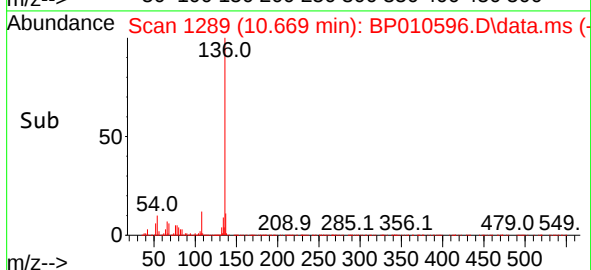
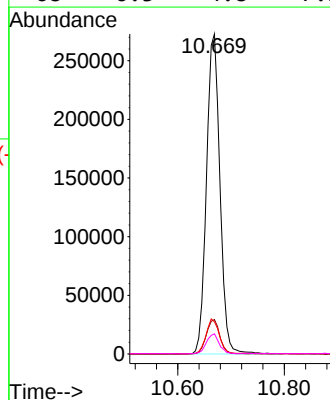
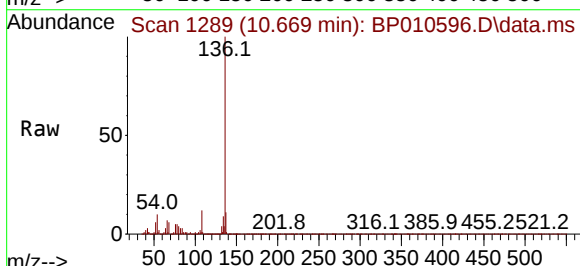
Instrument :
BNA_P
ClientSampleId :
RB-220517

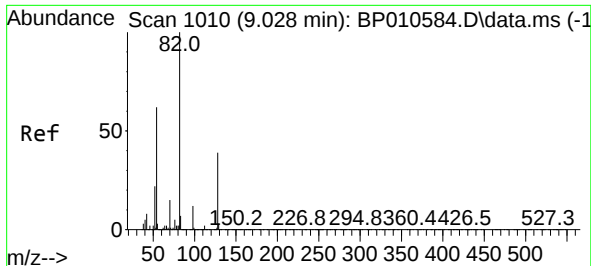
Tgt Ion: 99 Resp: 393194
Ion Ratio Lower Upper
99 100
42 26.0 20.3 30.5
71 42.3 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:136 Resp: 478140
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 10.0 8.7 13.1
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 109.566 ng

RT: 9.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BP010596.D

Acq: 28 May 2022 12:53

Instrument :

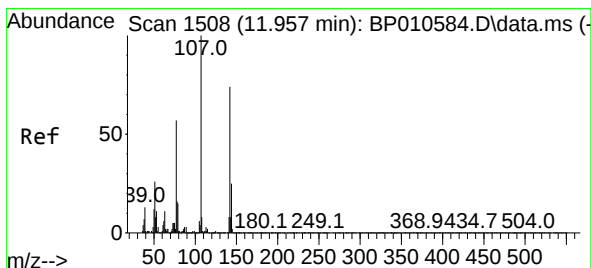
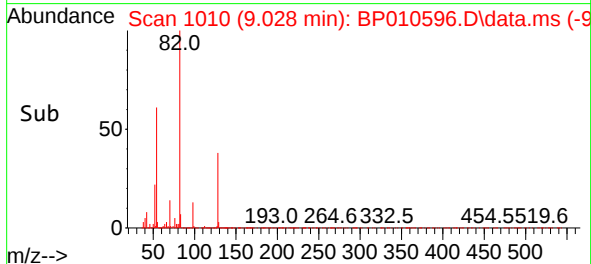
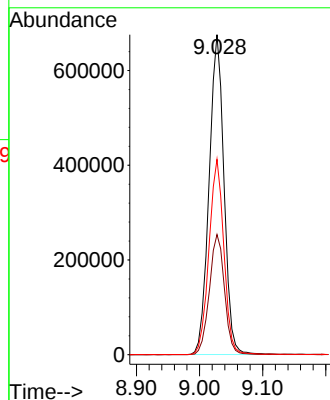
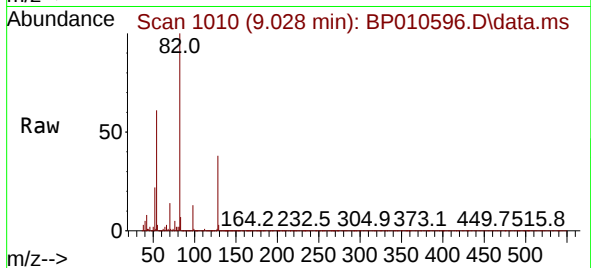
BNA_P

ClientSampleId :

RB-220517

Tgt Ion: 82 Resp: 1108076

Ion	Ratio	Lower	Upper
82	100		
128	37.5	31.3	46.9
54	61.1	49.8	74.8



#36

4-Chloro-3-methylphenol

Concen: 4.278 ng

RT: 11.957 min Scan# 1508

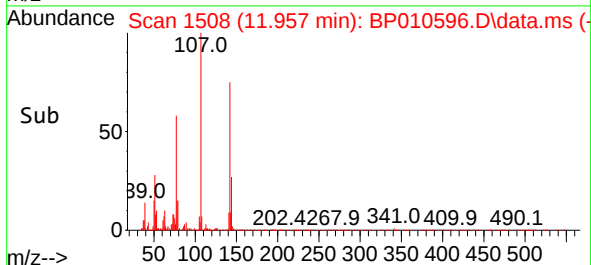
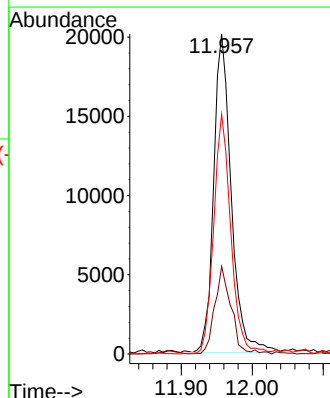
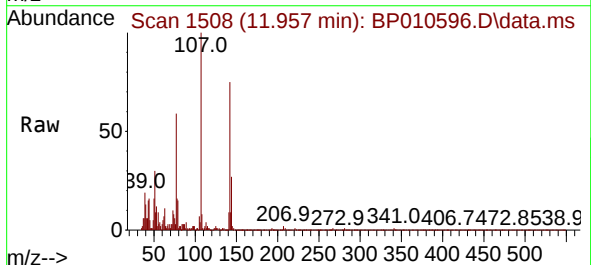
Delta R.T. -0.001 min

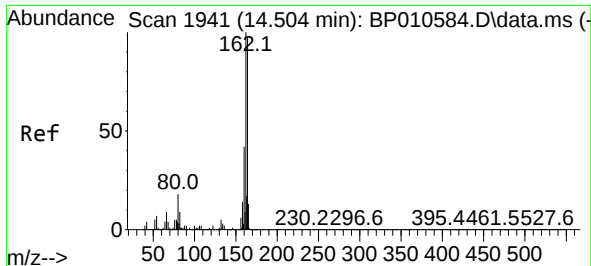
Lab File: BP010596.D

Acq: 28 May 2022 12:53

Tgt Ion: 107 Resp: 34678

Ion	Ratio	Lower	Upper
107	100		
144	27.3	19.8	29.6
142	74.8	59.0	88.4

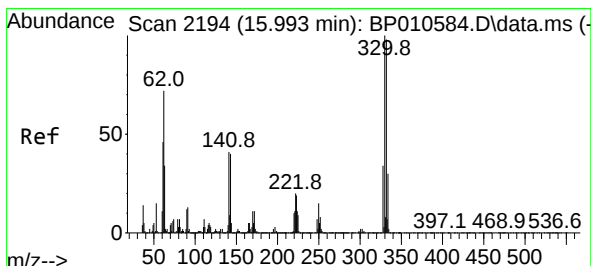
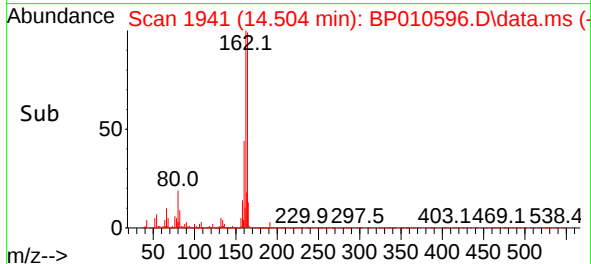
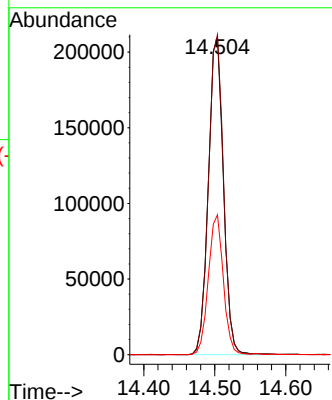
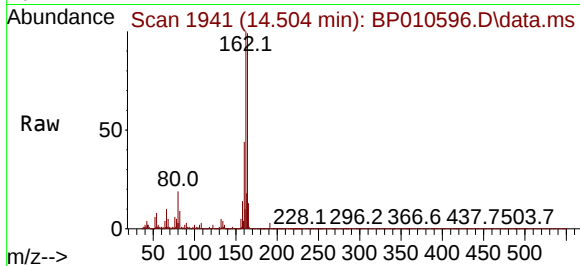




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

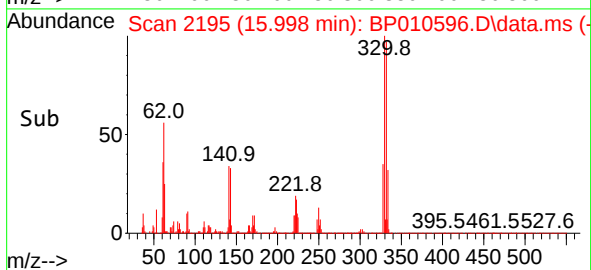
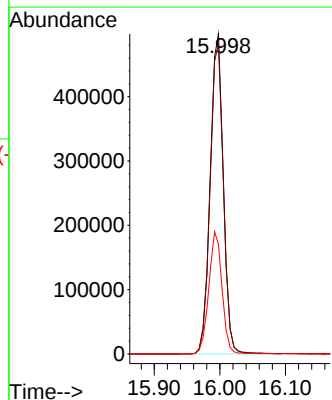
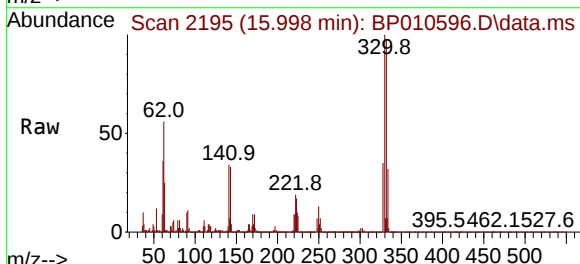
Instrument :
BNA_P
ClientSampleId :
RB-220517

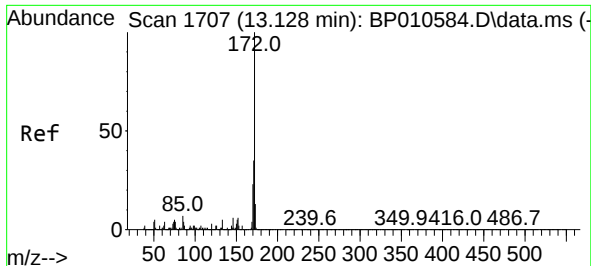
Tgt Ion:164 Resp: 309846
Ion Ratio Lower Upper
164 100
162 100.9 81.9 122.9
160 44.1 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 198.531 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:330 Resp: 696312
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 38.3 31.4 47.2

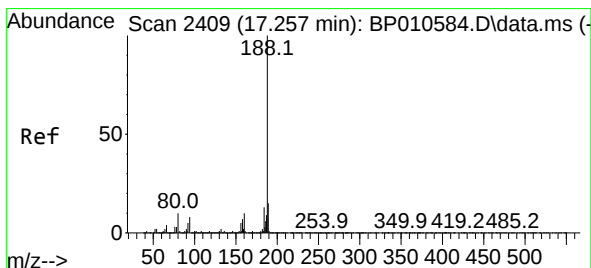
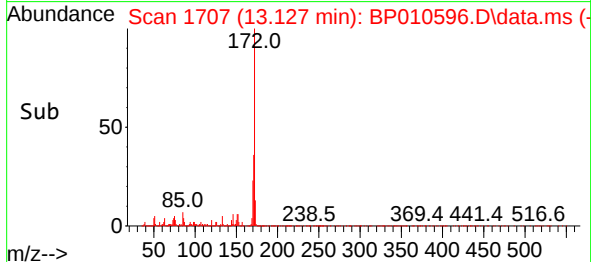
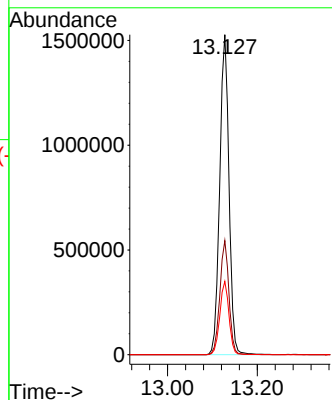
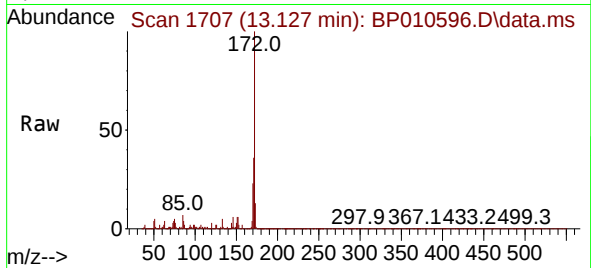




#45
2-Fluorobiphenyl
Concen: 100.793 ng
RT: 13.127 min Scan# 1
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

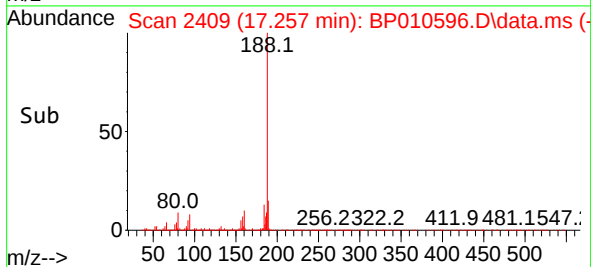
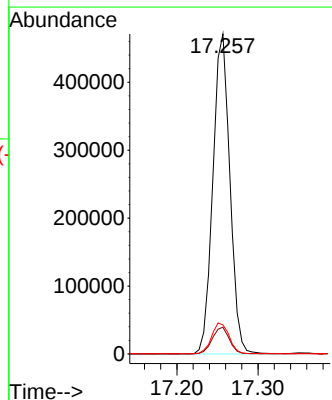
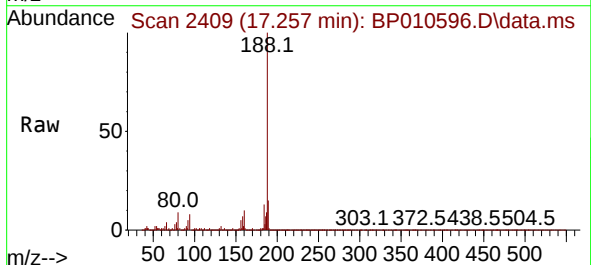
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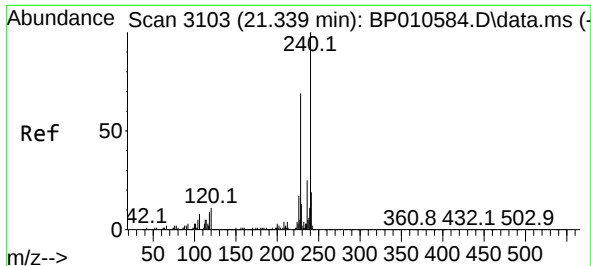
Tgt Ion:172 Resp: 2200501
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 22.9 18.2 27.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:188 Resp: 685721
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.0 8.0 12.0

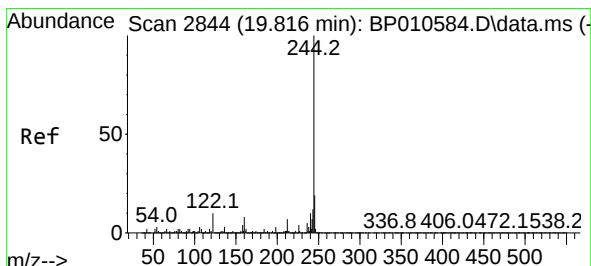
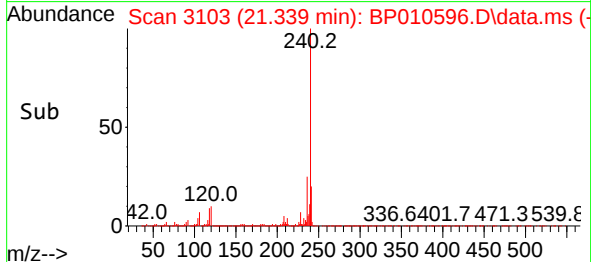
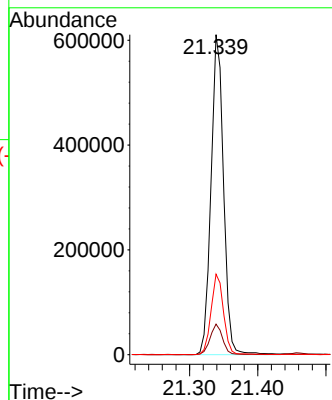
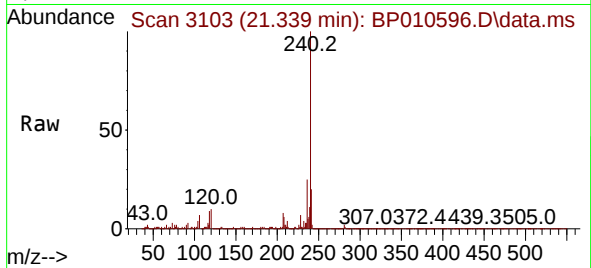




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

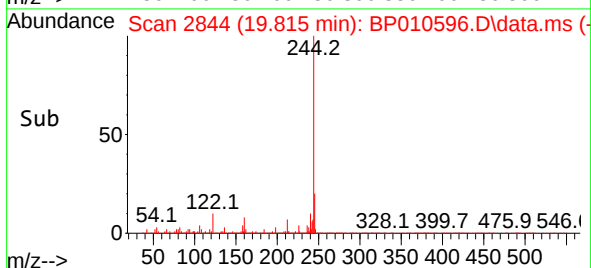
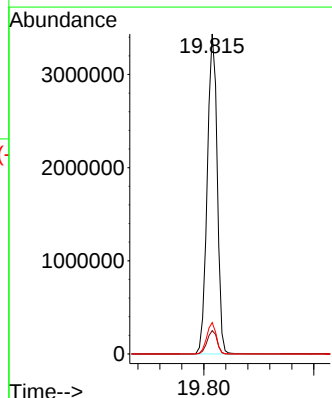
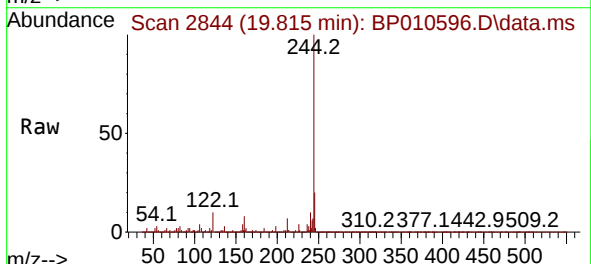
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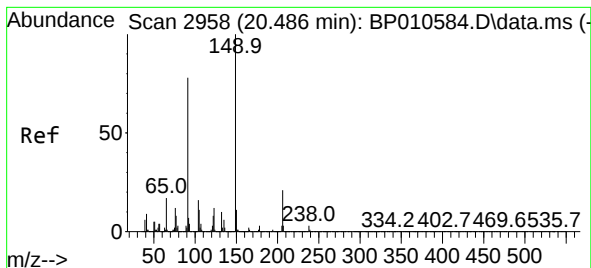
Tgt Ion:240 Resp: 780638
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.2 19.8 29.6



#79
Terphenyl-d14
Concen: 103.474 ng
RT: 19.815 min Scan# 2844
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:244 Resp: 4300475
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.8 7.6 11.4





#80

Butylbenzylphthalate

Concen: 2.307 ng

RT: 20.486 min Scan# 2958

Delta R.T. -0.001 min

Lab File: BP010596.D

Acq: 28 May 2022 12:53

Instrument :

BNA_P

ClientSampleId :

RB-220517

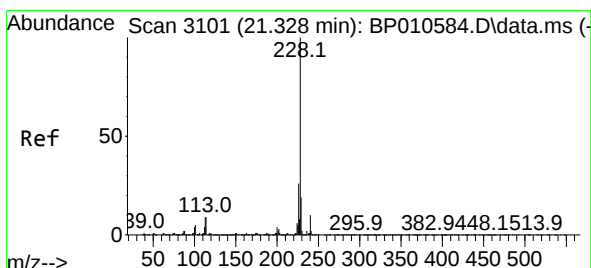
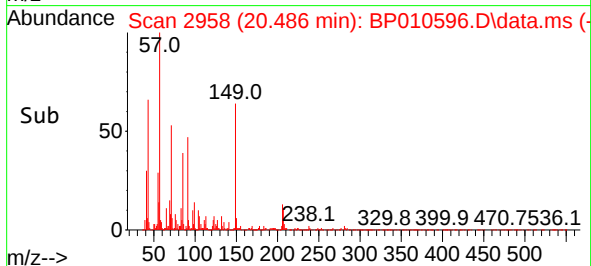
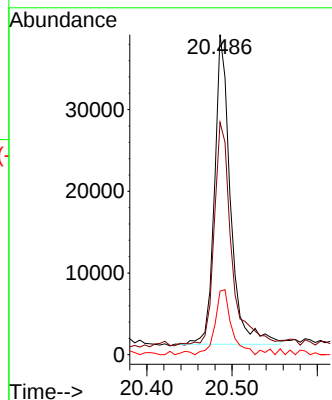
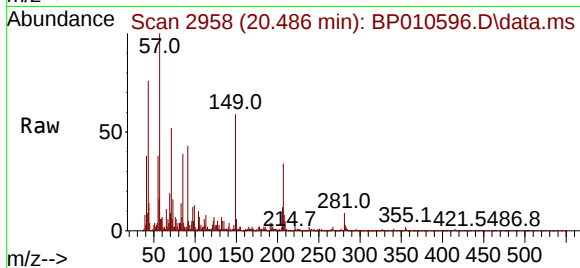
Tgt Ion:149 Resp: 49431

Ion Ratio Lower Upper

149 100

91 72.6 62.5 93.7

206 19.8 17.0 25.4



#81

Benzo(a)anthracene

Concen: 2.647 ng

RT: 21.327 min Scan# 3101

Delta R.T. -0.001 min

Lab File: BP010596.D

Acq: 28 May 2022 12:53

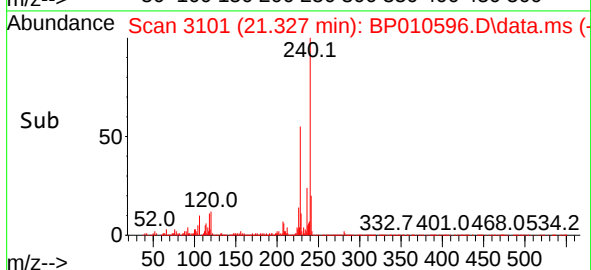
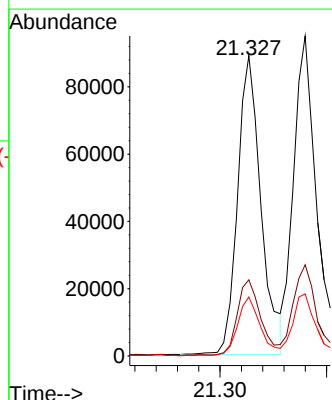
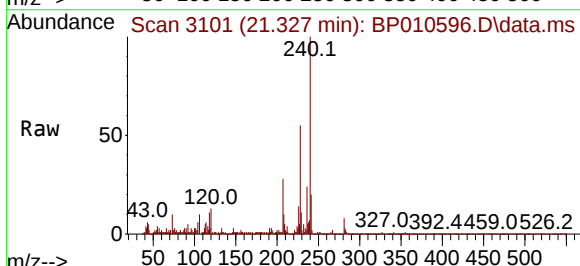
Tgt Ion:228 Resp: 135562

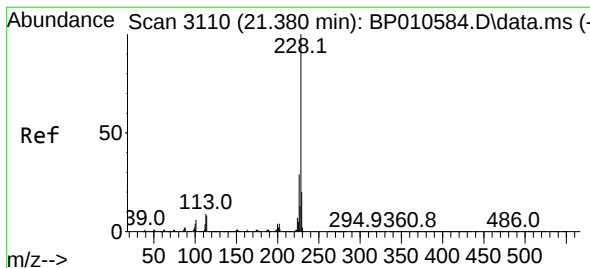
Ion Ratio Lower Upper

228 100

226 25.4 20.8 31.2

229 19.7 15.2 22.8





#83

Chrysene

Concen: 2.908 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.001 min

Lab File: BP010596.D

Acq: 28 May 2022 12:53

Instrument :

BNA_P

ClientSampleId :

RB-220517

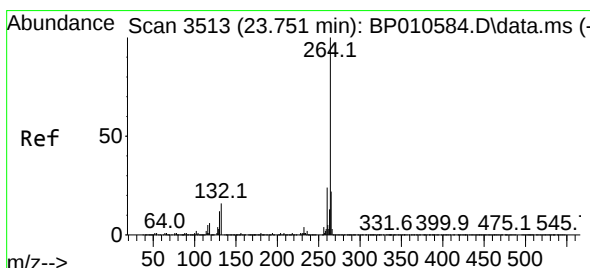
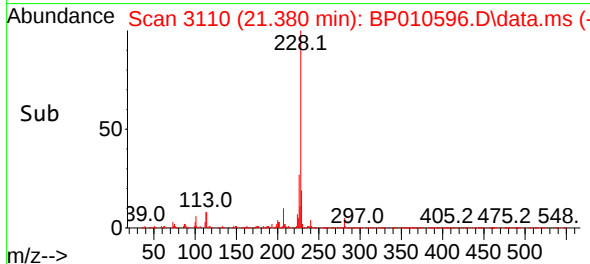
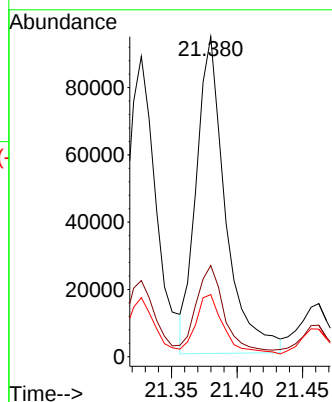
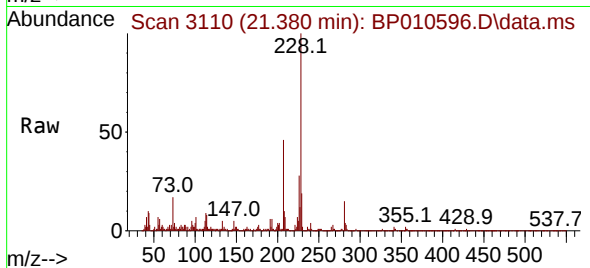
Tgt Ion:228 Resp: 146102

Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.2

229 19.4 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.756 min Scan# 3514

Delta R.T. 0.005 min

Lab File: BP010596.D

Acq: 28 May 2022 12:53

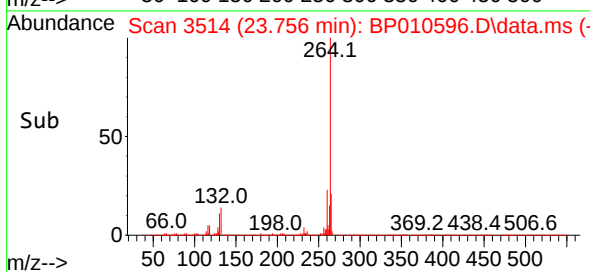
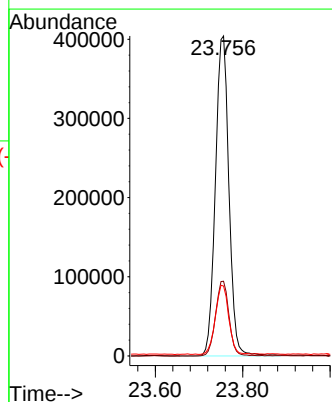
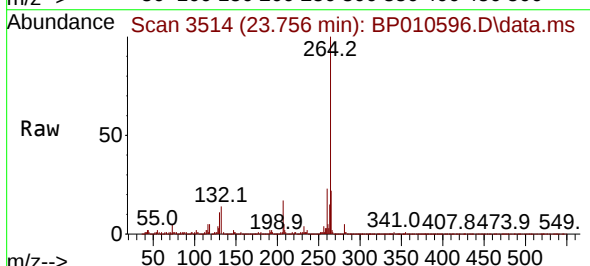
Tgt Ion:264 Resp: 866766

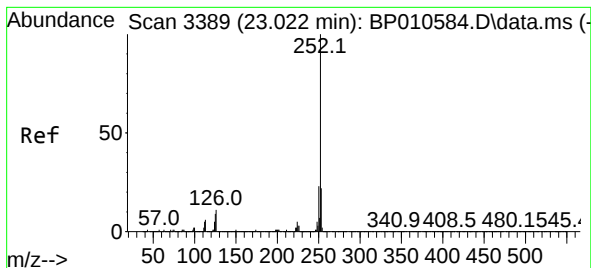
Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.8 18.0 27.0





#88

Benzo(b)fluoranthene

Concen: 2.502 ng

RT: 23.021 min Scan# 3389

Delta R.T. -0.001 min

Lab File: BP010596.D

Acq: 28 May 2022 12:53

Instrument :

BNA_P

ClientSampleId :

RB-220517

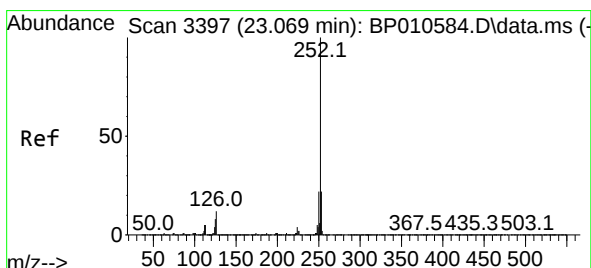
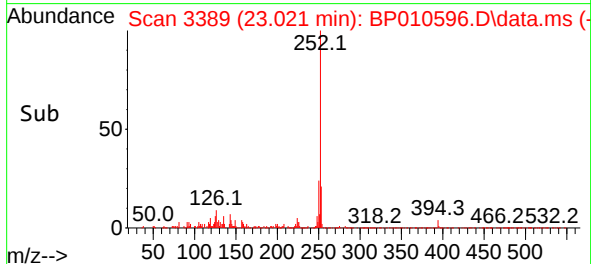
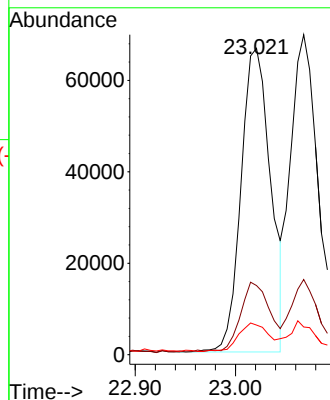
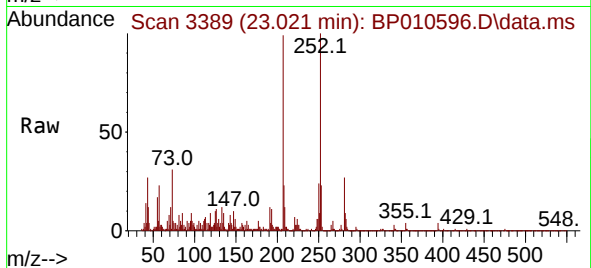
Tgt Ion:252 Resp: 136536

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 9.7 7.0 10.6



#89

Benzo(k)fluoranthene

Concen: 2.327 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.001 min

Lab File: BP010596.D

Acq: 28 May 2022 12:53

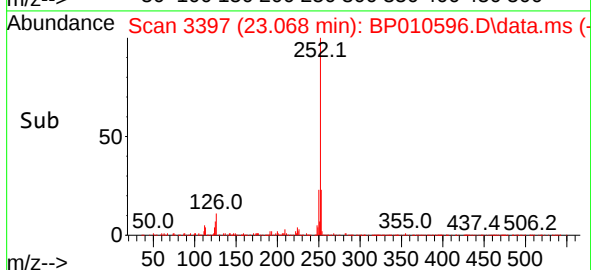
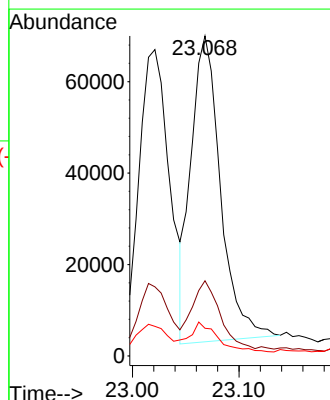
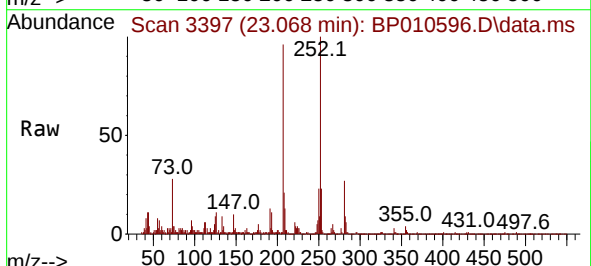
Tgt Ion:252 Resp: 128720

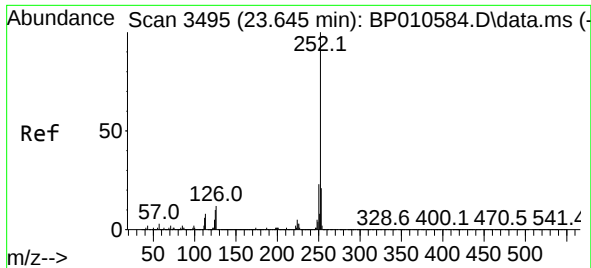
Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

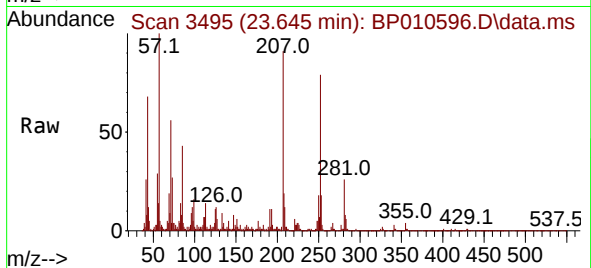
125 8.7 7.0 10.4





#90
Benzo(a)pyrene
Concen: 3.012 ng
RT: 23.645 min Scan# 34
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Instrument :
BNA_P
ClientSampleId :
RB-220517



Tgt Ion:252 Resp: 135952
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 14.5 7.9 11.9#

