

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
 Data File : BP009336.D
 Acq On : 09 Mar 2022 22:05
 Operator : CG/JU
 Sample : N1845-13 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-13

Quant Time: Mar 10 04:12:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

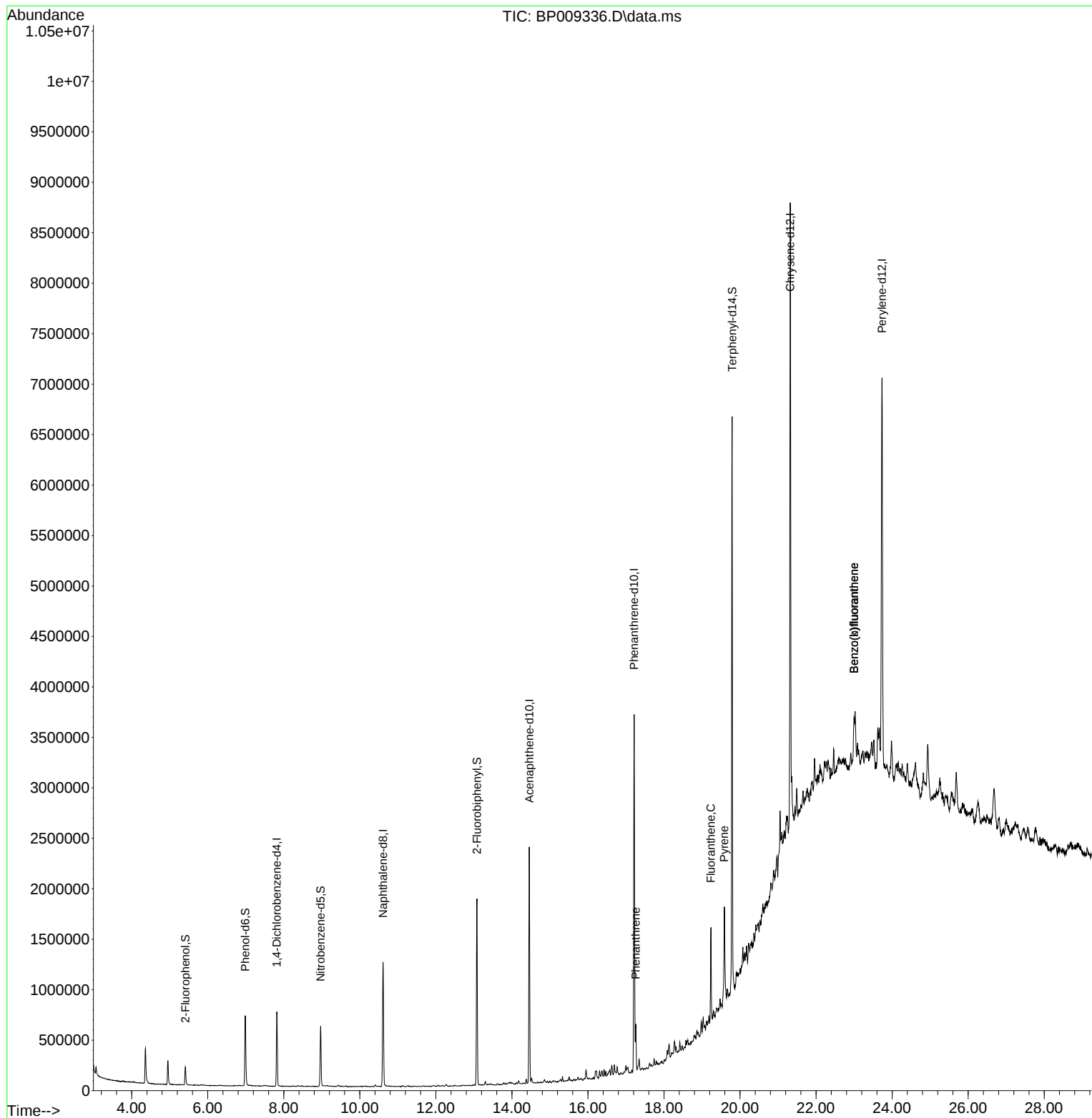
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	230604	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1111119	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	858445	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2284617	20.000	ng	0.00
76) Chrysene-d12	21.321	240	3109531	20.000	ng	0.00
86) Perylene-d12	23.733	264	3124248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	99111	6.274	ng	0.00
7) Phenol-d6	6.987	99	467423	23.282	ng	0.00
23) Nitrobenzene-d5	8.969	82	387803	19.224	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	17873	1.724	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	1038536	16.637	ng	0.00
79) Terphenyl-d14	19.792	244	2909404	17.657	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.257	178	283116	2.156	ng	100
75) Fluoranthene	19.233	202	572421	3.777	ng	99
78) Pyrene	19.586	202	545225	2.597	ng	99
88) Benzo(b)fluoranthene	22.998	252	488034	2.314	ng	# 75
89) Benzo(k)fluoranthene	22.998	252	488034	2.422	ng	# 75

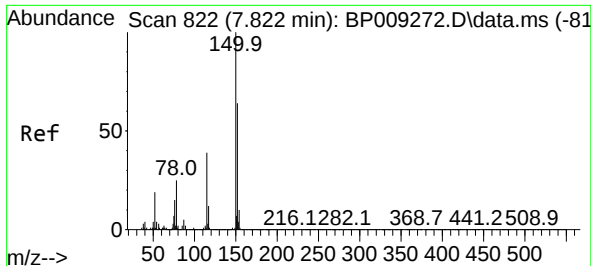
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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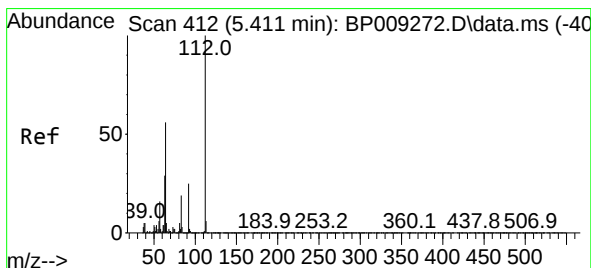
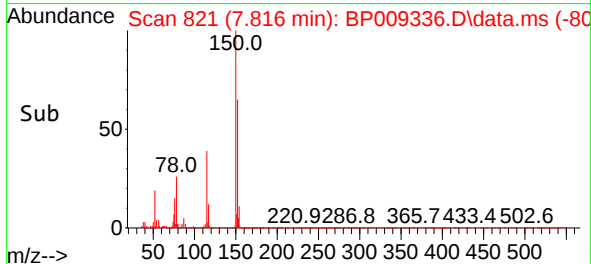
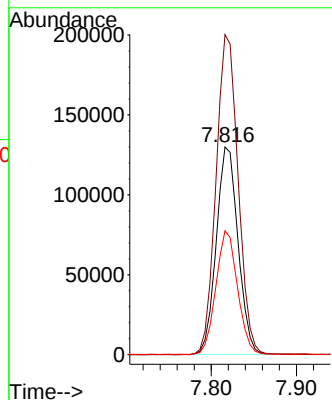
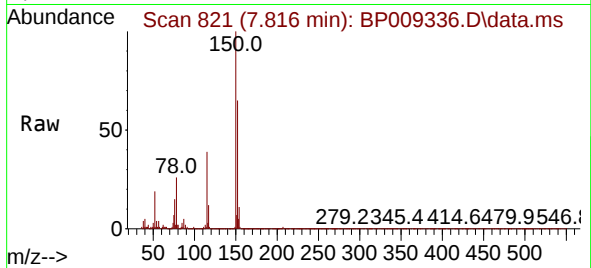




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009336.D
Acq: 09 Mar 2022 22:05

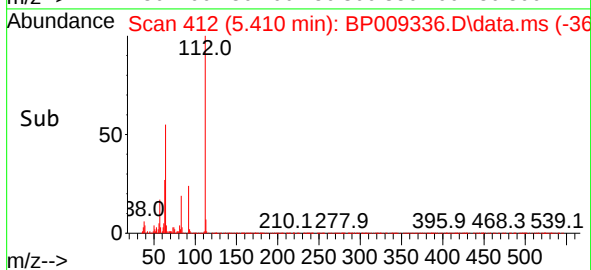
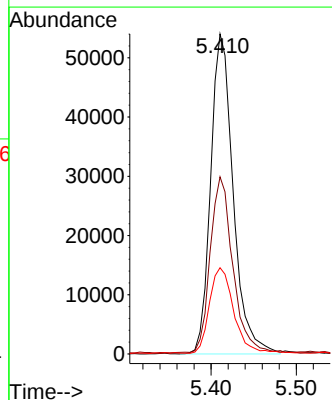
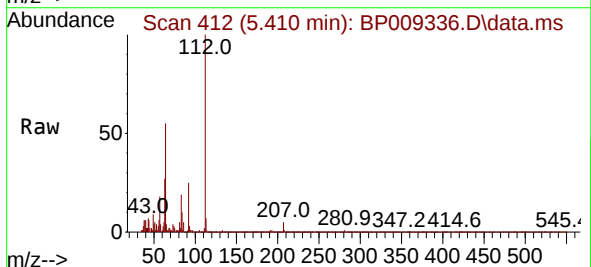
Instrument :
BNA_P
ClientSampleId :
SAMPLE-13

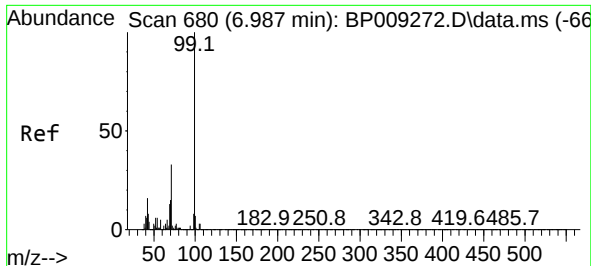
Tgt Ion:152 Resp: 230604
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 59.7 48.2 72.4



#5
2-Fluorophenol
Concen: 6.274 ng
RT: 5.410 min Scan# 412
Delta R.T. -0.001 min
Lab File: BP009336.D
Acq: 09 Mar 2022 22:05

Tgt Ion:112 Resp: 99111
Ion Ratio Lower Upper
112 100
64 55.4 45.0 67.4
63 26.9 23.0 34.6

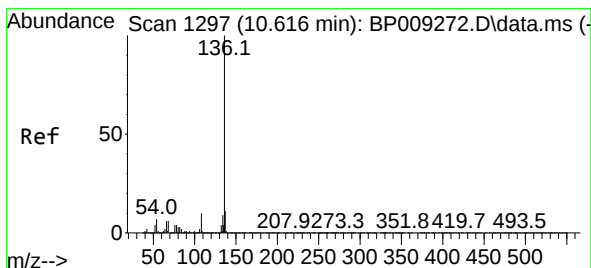
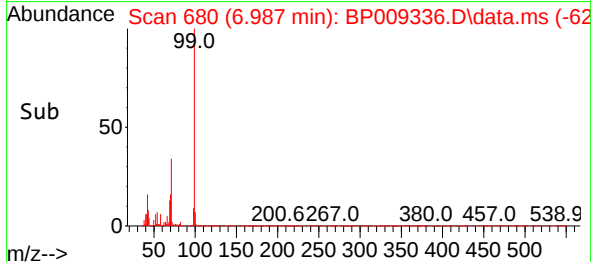
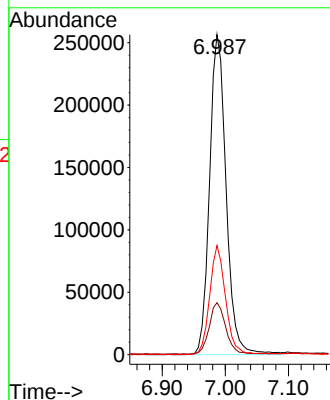
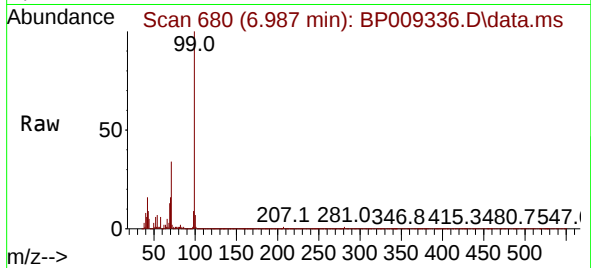




#7
Phenol-d6
Concen: 23.282 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009336.D
Acq: 09 Mar 2022 22:05

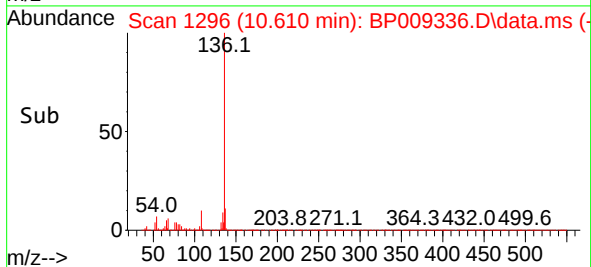
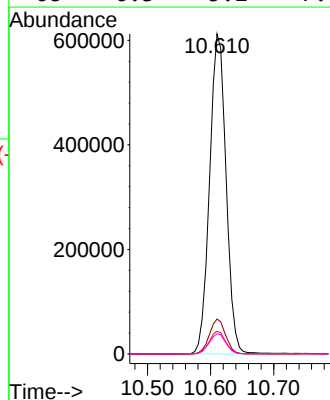
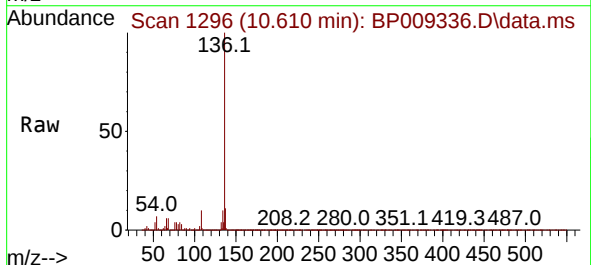
Instrument :
BNA_P
ClientSampleId :
SAMPLE-13

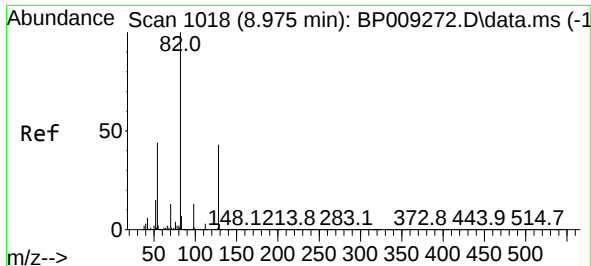
Tgt Ion: 99 Resp: 467423
Ion Ratio Lower Upper
99 100
42 16.3 12.8 19.2
71 34.1 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009336.D
Acq: 09 Mar 2022 22:05

Tgt Ion: 136 Resp: 1111119
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.1 5.8 8.8
68 6.3 5.2 7.8

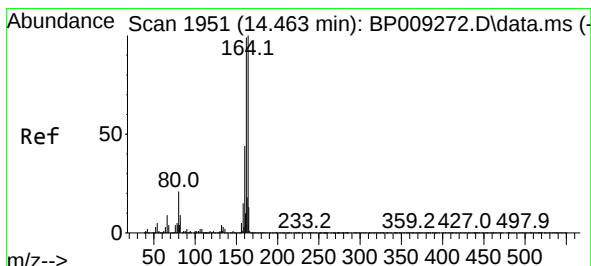
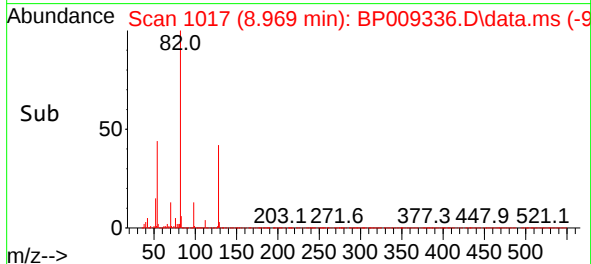
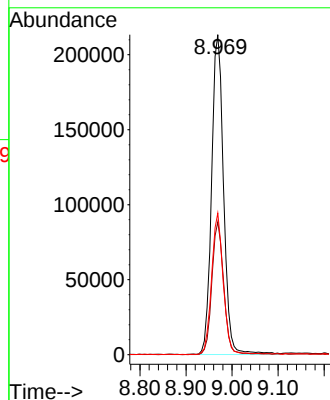
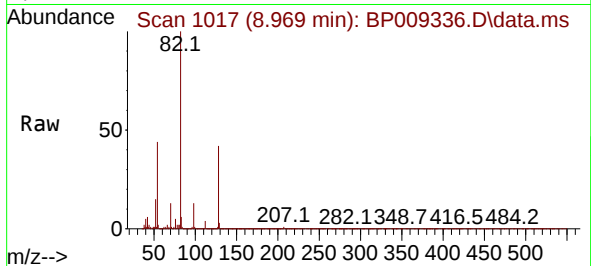




#23
Nitrobenzene-d5
Concen: 19.224 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009336.D
Acq: 09 Mar 2022 22:05

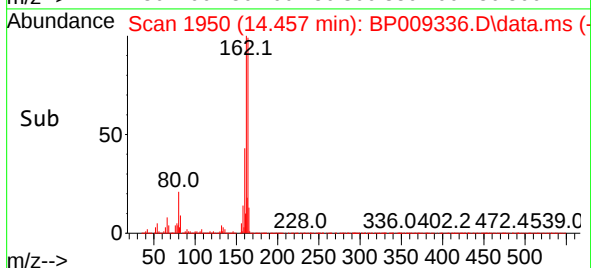
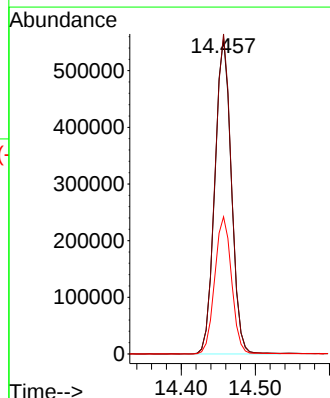
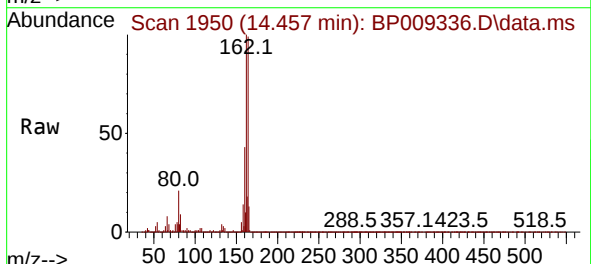
Instrument :
BNA_P
ClientSampleId :
SAMPLE-13

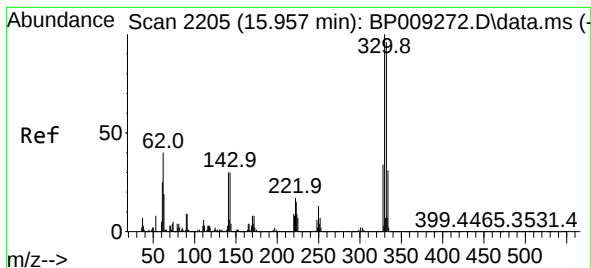
Tgt Ion: 82 Resp: 387803
Ion Ratio Lower Upper
82 100
128 41.5 34.2 51.4
54 44.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009336.D
Acq: 09 Mar 2022 22:05

Tgt Ion: 164 Resp: 858445
Ion Ratio Lower Upper
164 100
162 101.3 79.1 118.7
160 43.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 1.724 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009336.D

Acq: 09 Mar 2022 22:05

Instrument :

BNA_P

ClientSampleId :

SAMPLE-13

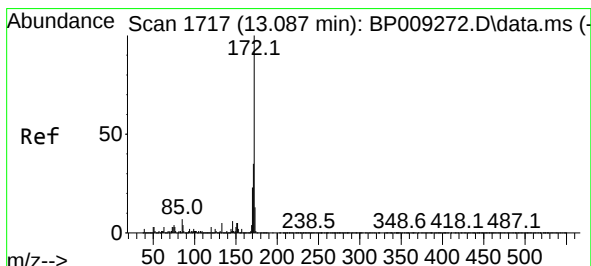
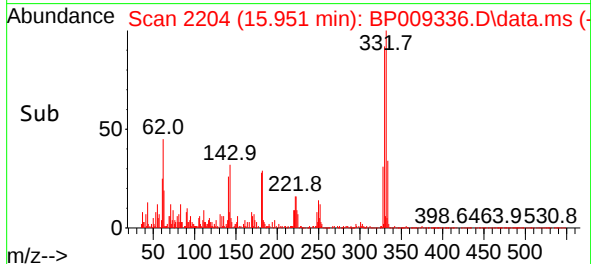
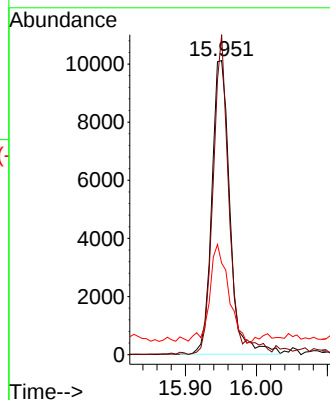
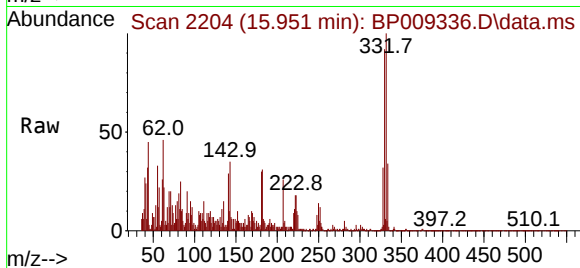
Tgt Ion:330 Resp: 17873

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

141 34.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 16.637 ng

RT: 13.081 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP009336.D

Acq: 09 Mar 2022 22:05

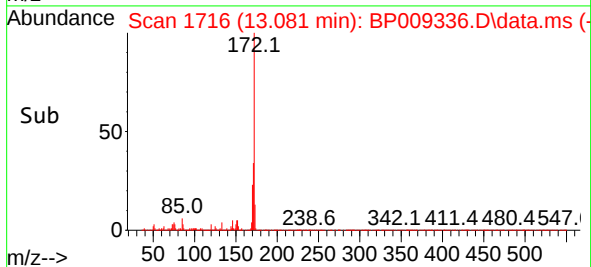
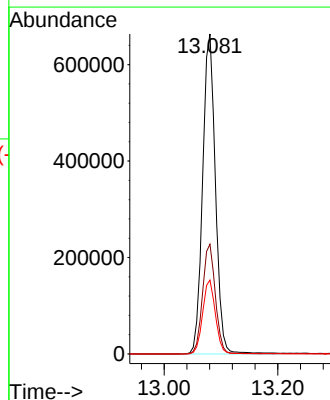
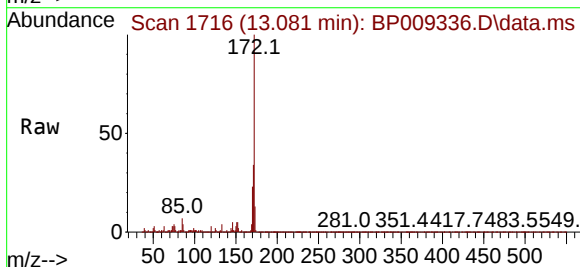
Tgt Ion:172 Resp: 1038536

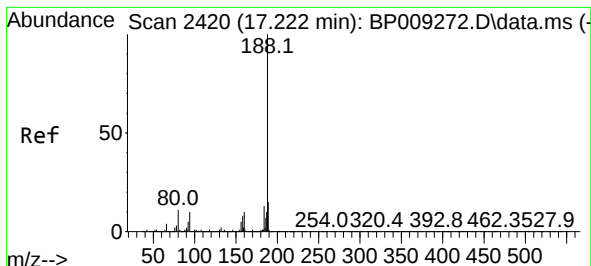
Ion Ratio Lower Upper

172 100

171 34.3 28.0 42.0

170 23.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP009336.D

Acq: 09 Mar 2022 22:05

Instrument :

BNA_P

ClientSampleId :

SAMPLE-13

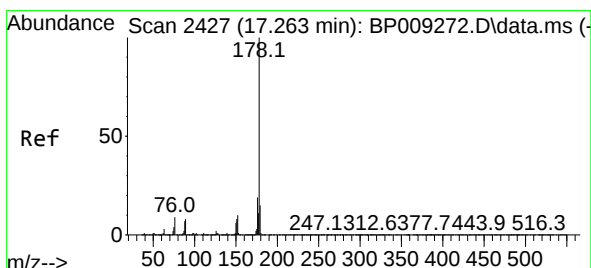
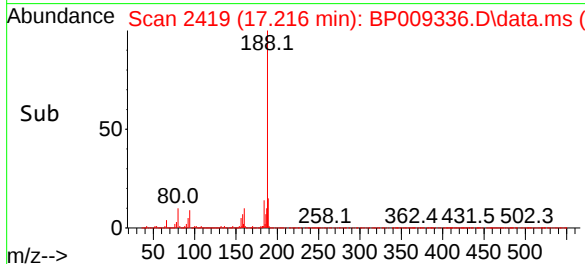
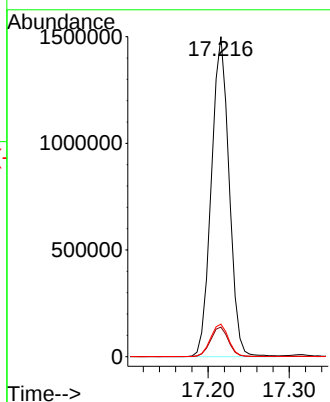
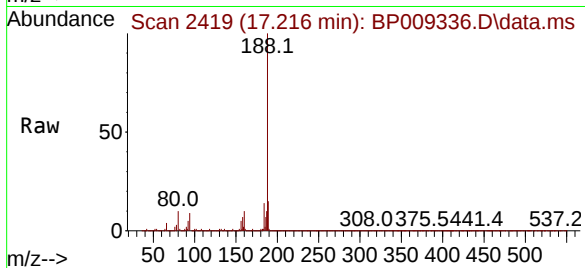
Tgt Ion:188 Resp: 2284617

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.2 8.8 13.2



#71

Phenanthrene

Concen: 2.156 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP009336.D

Acq: 09 Mar 2022 22:05

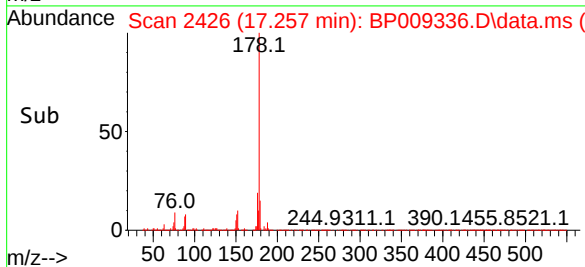
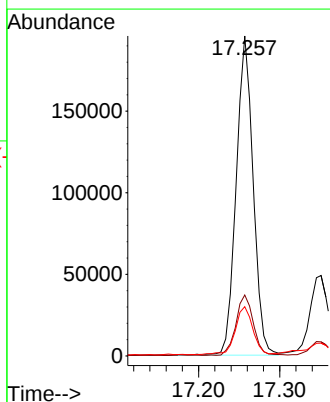
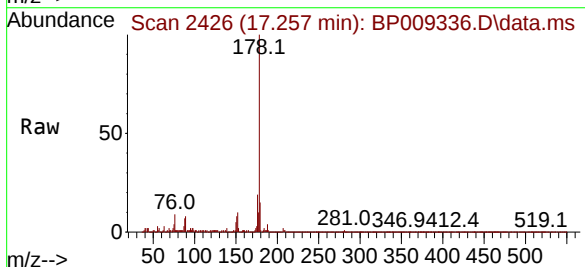
Tgt Ion:178 Resp: 283116

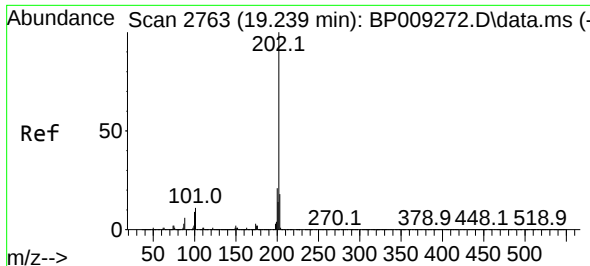
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.4 12.3 18.5

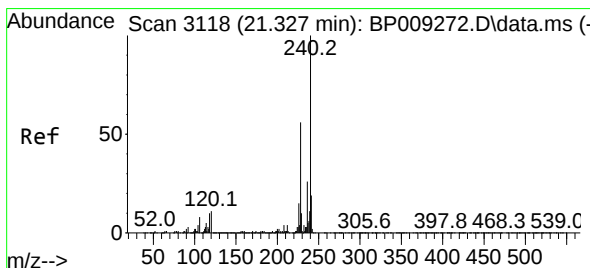
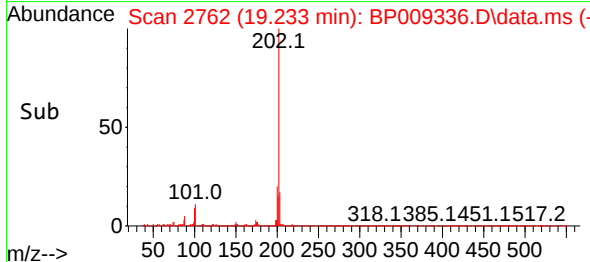
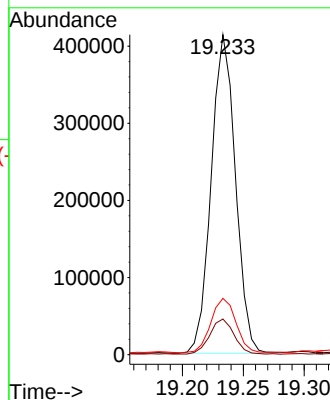
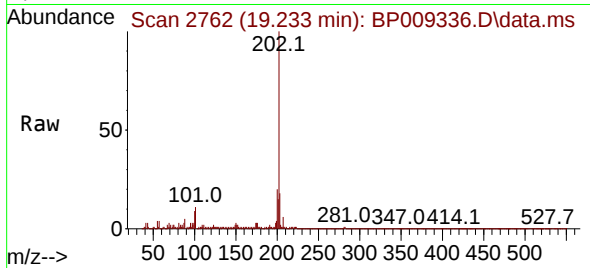




#75
Fluoranthene
Concen: 3.777 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009336.D
Acq: 09 Mar 2022 22:05

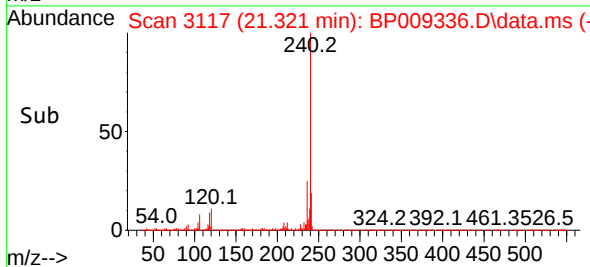
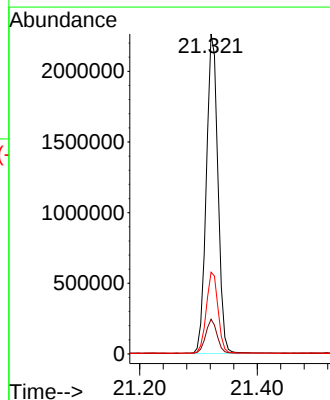
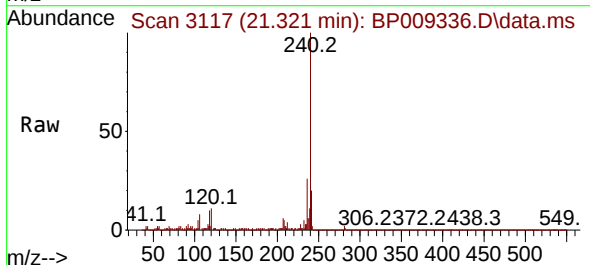
Instrument :
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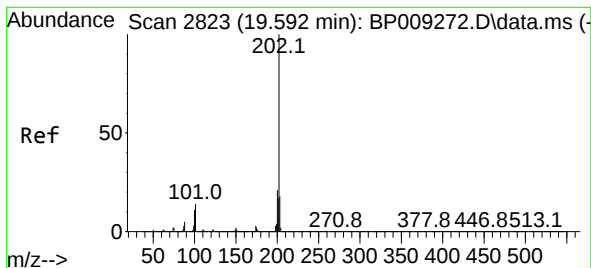
Tgt Ion:202 Resp: 572421
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009336.D
Acq: 09 Mar 2022 22:05

Tgt Ion:240 Resp: 3109531
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.6 20.6 30.8





#78

Pyrene

Concen: 2.597 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP009336.D

Acq: 09 Mar 2022 22:05

Instrument :

BNA_P

ClientSampleId :

SAMPLE-13

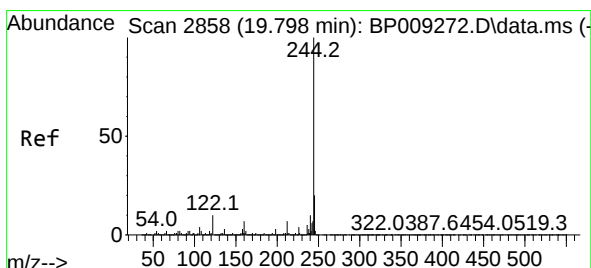
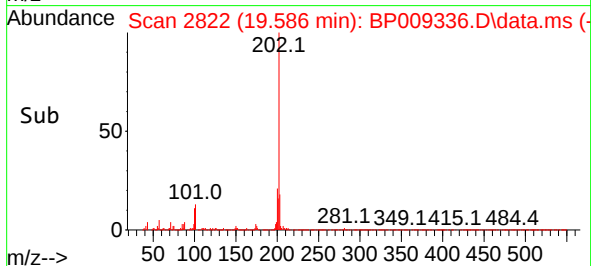
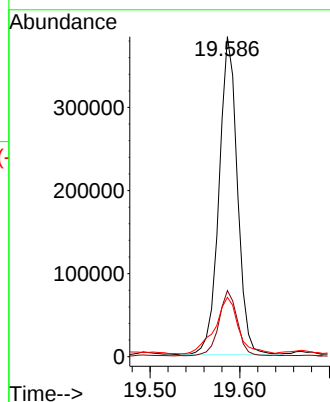
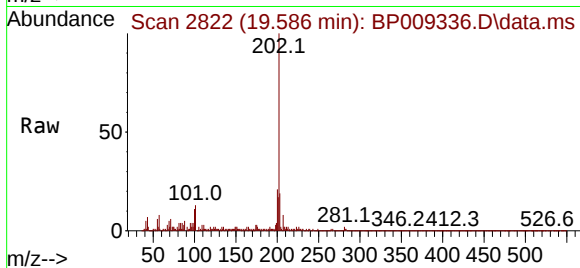
Tgt Ion:202 Resp: 545225

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

203 18.5 14.2 21.4



#79

Terphenyl-d14

Concen: 17.657 ng

RT: 19.792 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP009336.D

Acq: 09 Mar 2022 22:05

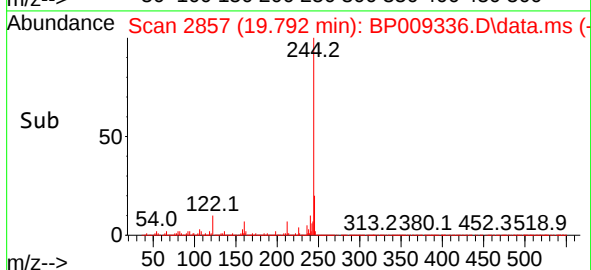
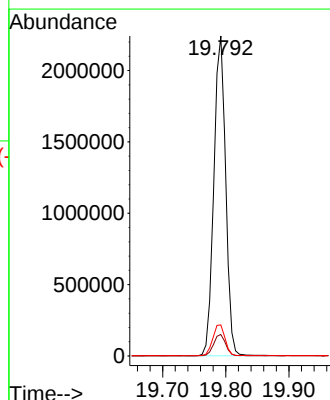
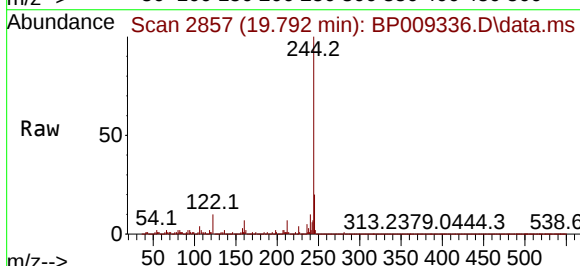
Tgt Ion:244 Resp: 2909404

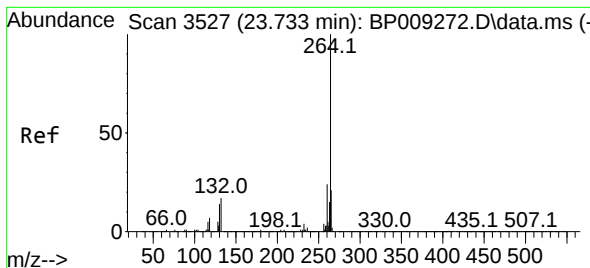
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 9.7 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP009336.D

Acq: 09 Mar 2022 22:05

Instrument :

BNA_P

ClientSampleId :

SAMPLE-13

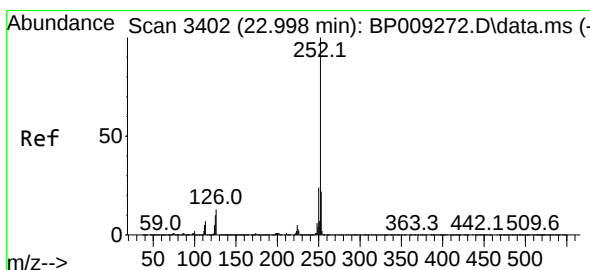
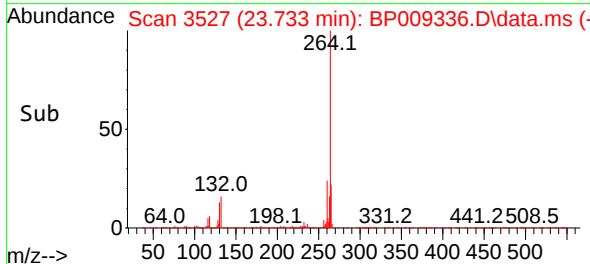
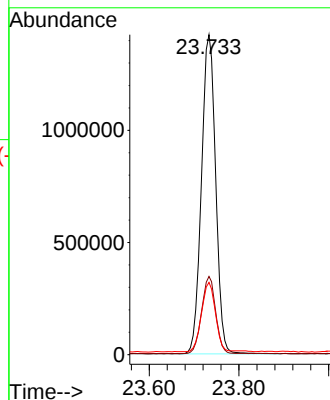
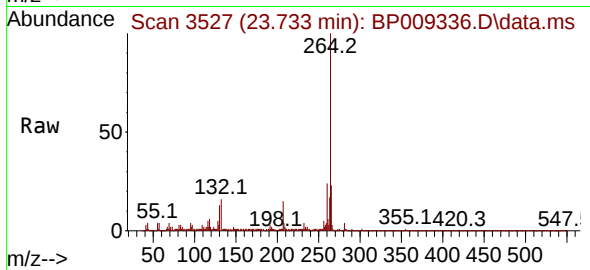
Tgt Ion:264 Resp: 3124248

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 22.6 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.314 ng

RT: 22.998 min Scan# 3402

Delta R.T. -0.000 min

Lab File: BP009336.D

Acq: 09 Mar 2022 22:05

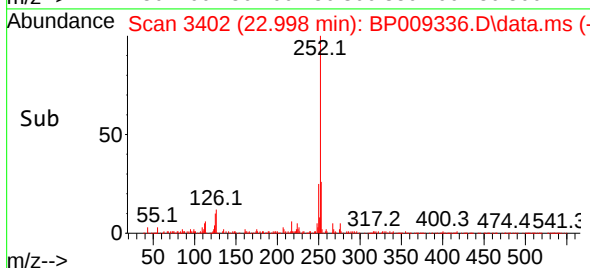
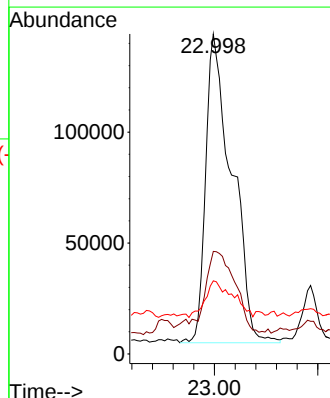
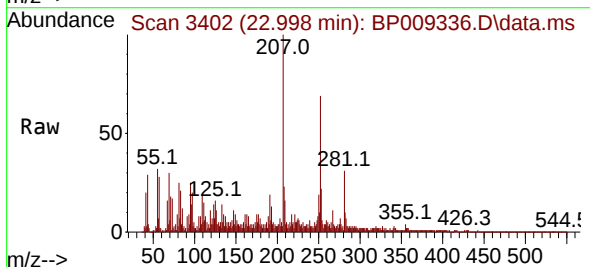
Tgt Ion:252 Resp: 488034

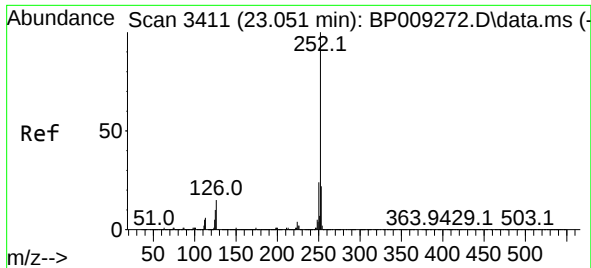
Ion Ratio Lower Upper

252 100

253 32.1 17.8 26.8#

125 22.9 8.1 12.1#





#89
Benzo(k)fluoranthene
Concen: 2.422 ng
RT: 22.998 min Scan# 34
Delta R.T. -0.053 min
Lab File: BP009336.D
Acq: 09 Mar 2022 22:05

Instrument :
BNA_P
ClientSampleId :
SAMPLE-13

Tgt Ion:252 Resp: 488034
Ion Ratio Lower Upper
252 100
253 32.1 17.5 26.3#
125 22.9 8.3 12.5#

