

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
 Data File : BP019682.D
 Acq On : 13 Feb 2024 17:42
 Operator : MA/JU
 Sample : P1435-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FRENCH-020724-CONC

Quant Time: Feb 13 18:07:34 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)

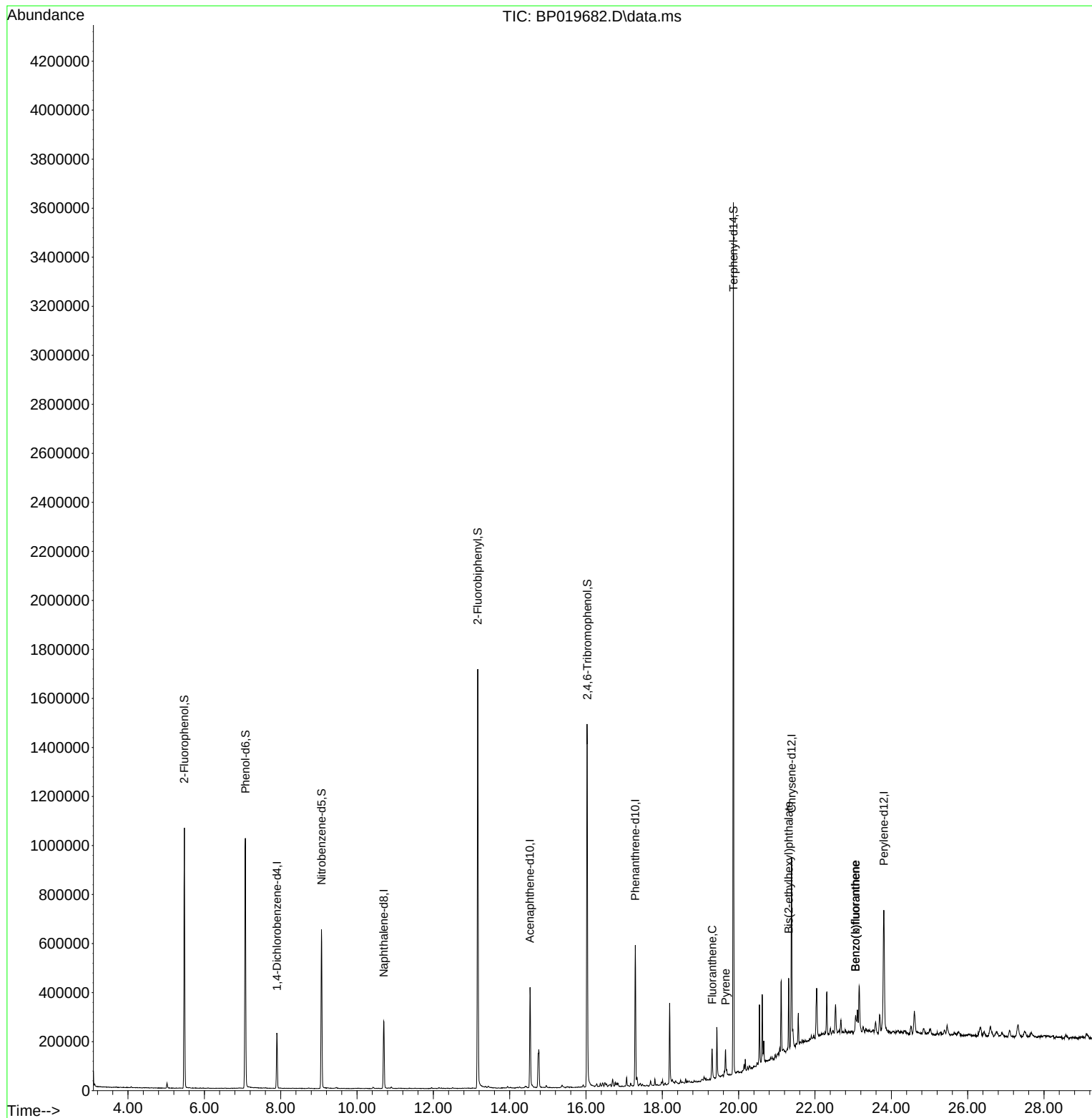
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	61877	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	229607	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	149341	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	367849	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	391954	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	451180	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	426433	111.088	ng	-0.01
7) Phenol-d6	7.075	99	565058	109.169	ng	-0.01
23) Nitrobenzene-d5	9.069	82	382215	72.132	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	335835	154.018	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	913421	75.612	ng	-0.02
79) Terphenyl-d14	19.863	244	1786500	74.957	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.304	202	62548	2.645	ng	98
78) Pyrene	19.657	202	58940	2.131	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	104635	6.652	ng	100
88) Benzo(b)fluoranthene	23.063	252	64570	2.271	ng	# 95
89) Benzo(k)fluoranthene	23.063	252	64570	2.377	ng	# 95

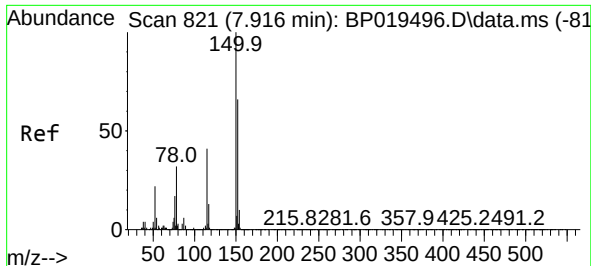
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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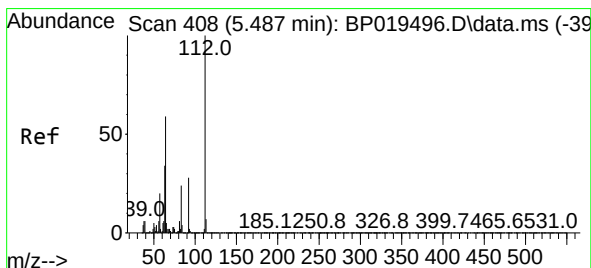
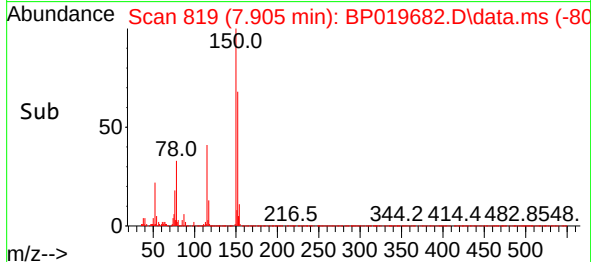
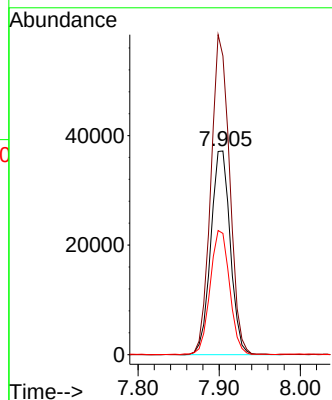
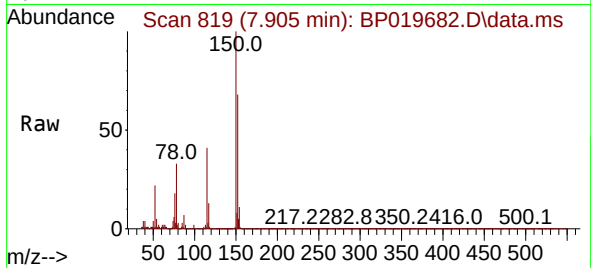




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019682.D
Acq: 13 Feb 2024 17:42

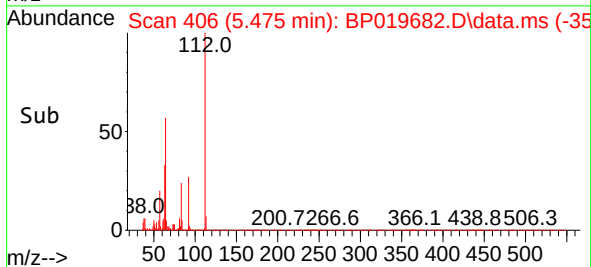
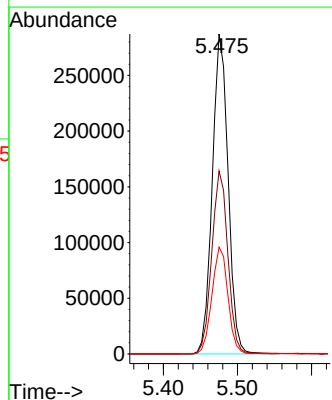
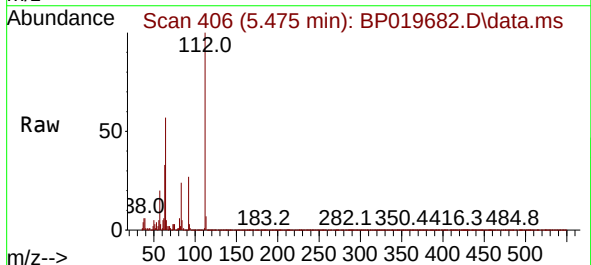
Instrument :
BNA_P
ClientSampleId :
FRENCH-020724-CONC

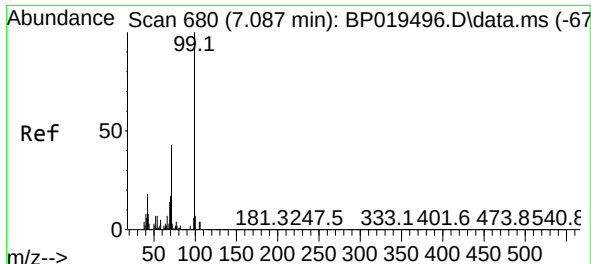
Tgt Ion:152 Resp: 61877
Ion Ratio Lower Upper
152 100
150 146.6 121.8 182.8
115 59.6 49.9 74.9



#5
2-Fluorophenol
Concen: 111.088 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019682.D
Acq: 13 Feb 2024 17:42

Tgt Ion:112 Resp: 426433
Ion Ratio Lower Upper
112 100
64 57.2 47.4 71.0
63 33.4 27.0 40.6

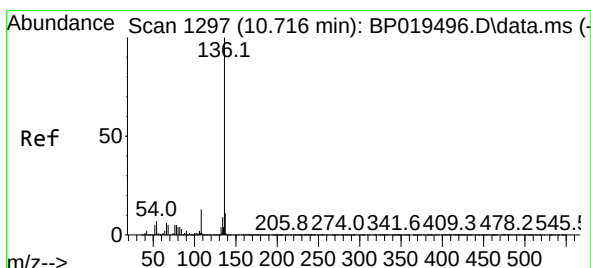
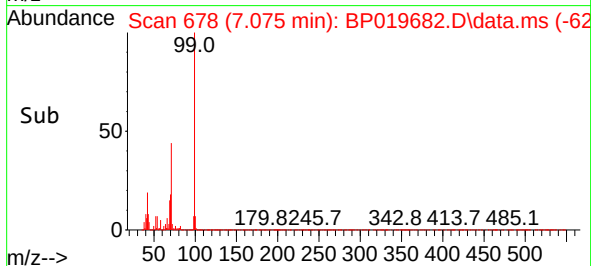
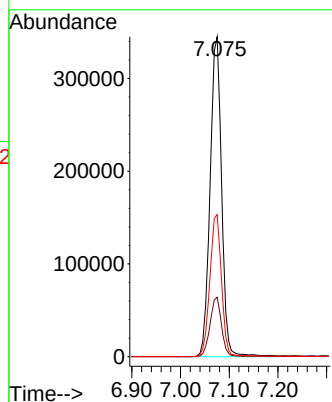
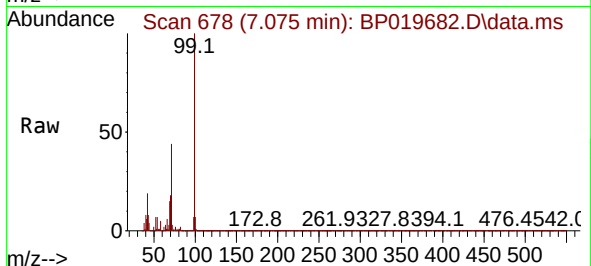




#7
Phenol-d6
Concen: 109.169 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019682.D
Acq: 13 Feb 2024 17:42

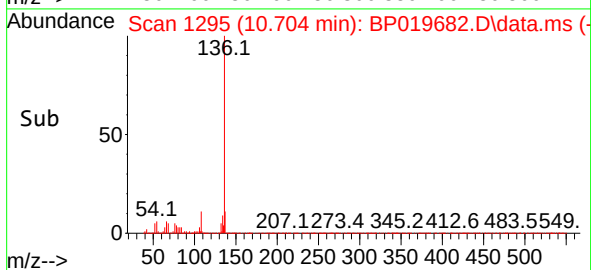
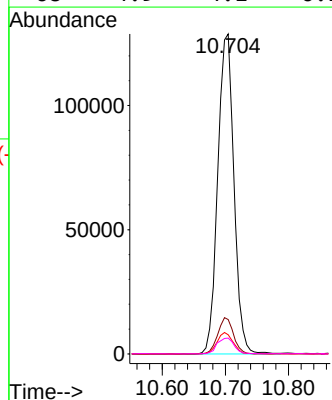
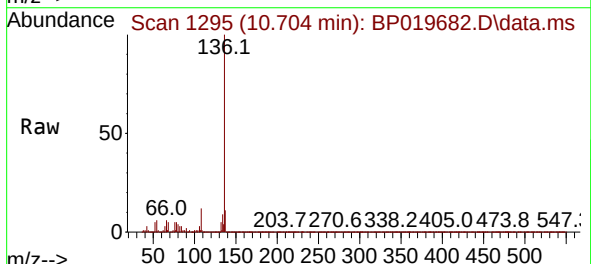
Instrument :
BNA_P
ClientSampleId :
FRENCH-020724-CONC

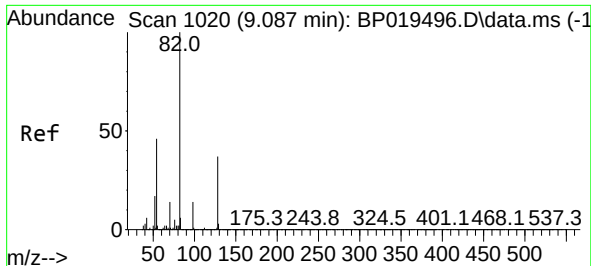
Tgt Ion:	99	Resp:	565058
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.7	22.1
71	44.4	34.8	52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019682.D
Acq: 13 Feb 2024 17:42

Tgt Ion:	136	Resp:	229607
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.0	5.3	7.9
68	4.9	4.1	6.1





#23

Nitrobenzene-d5

Concen: 72.132 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BP019682.D

Acq: 13 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724-CONC

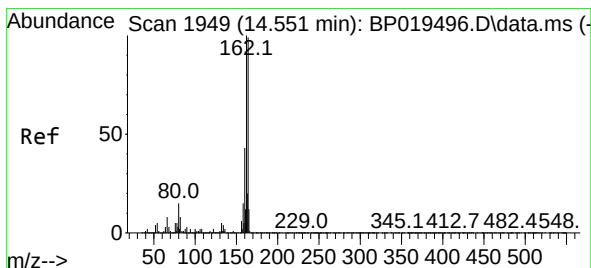
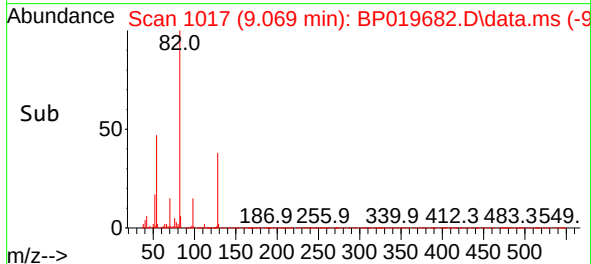
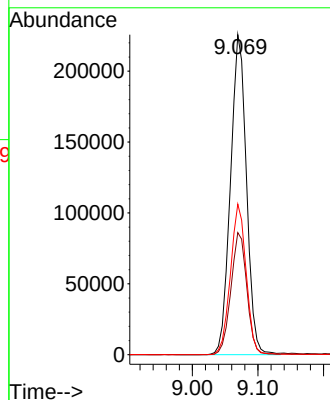
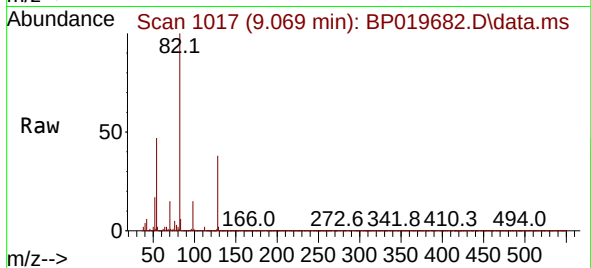
Tgt Ion: 82 Resp: 382215

Ion Ratio Lower Upper

82 100

128 38.1 29.7 44.5

54 47.0 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: BP019682.D

Acq: 13 Feb 2024 17:42

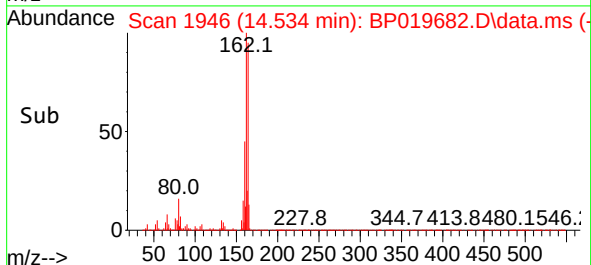
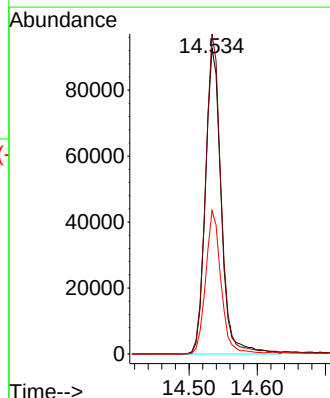
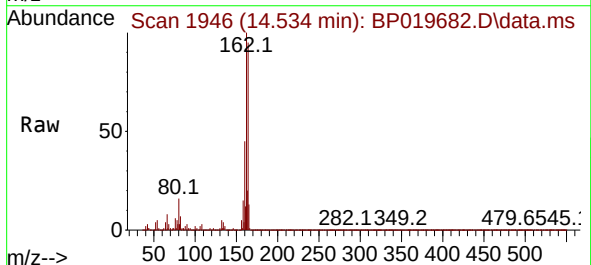
Tgt Ion:164 Resp: 149341

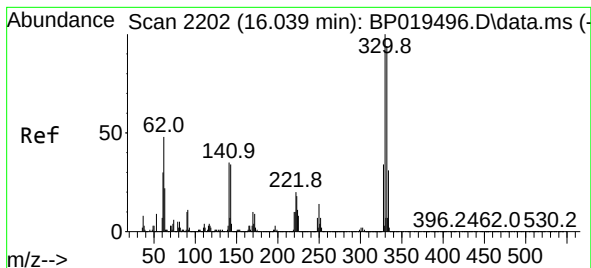
Ion Ratio Lower Upper

164 100

162 104.7 81.2 121.8

160 46.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 154.018 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019682.D

Acq: 13 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724-CONC

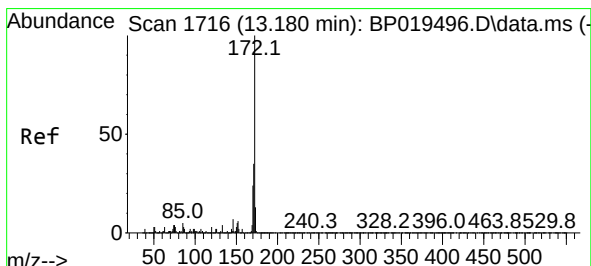
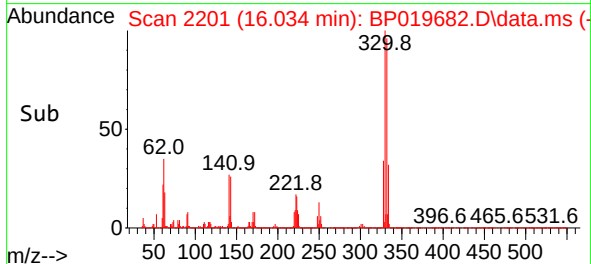
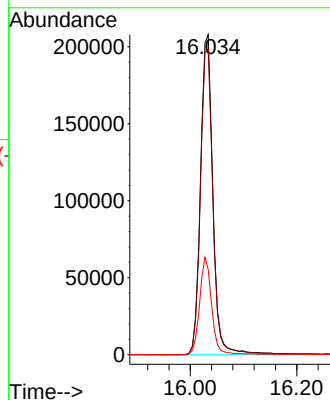
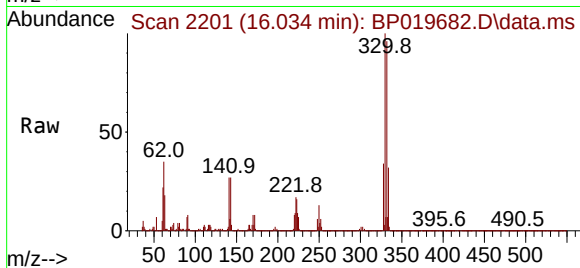
Tgt Ion:330 Resp: 335835

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 29.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 75.612 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019682.D

Acq: 13 Feb 2024 17:42

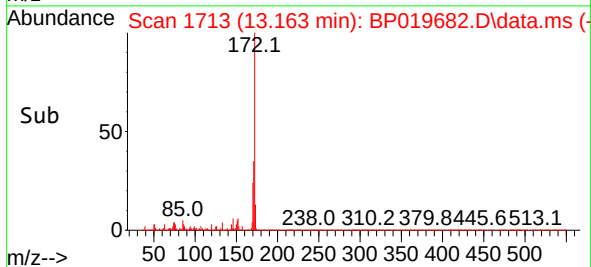
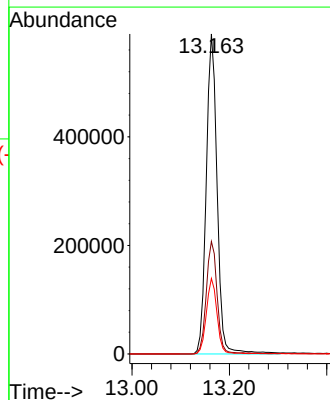
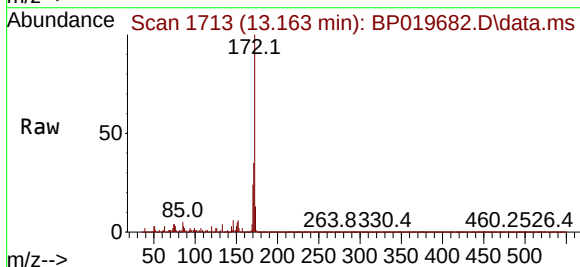
Tgt Ion:172 Resp: 913421

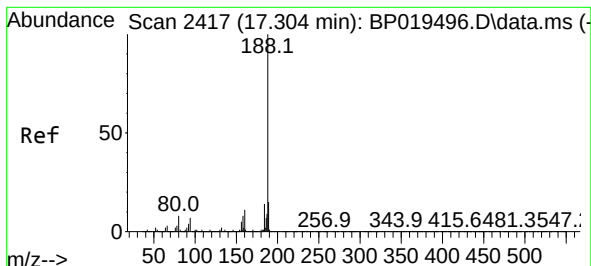
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019682.D

Acq: 13 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724-CONC

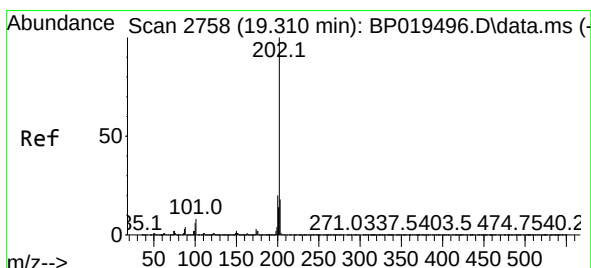
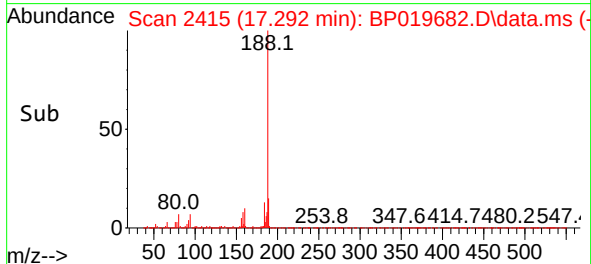
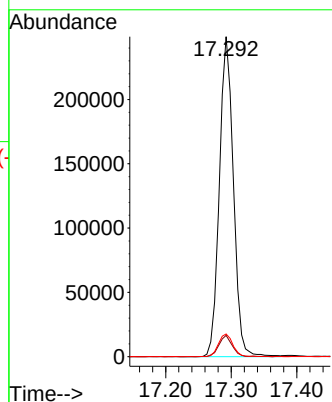
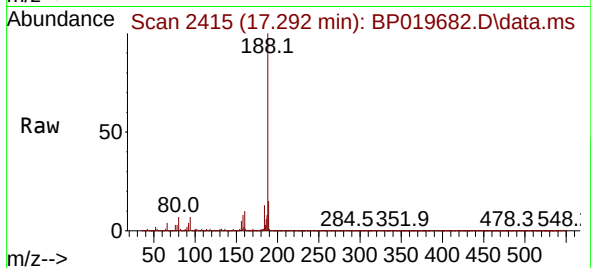
Tgt Ion:188 Resp: 367849

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.1 6.3 9.5



#75

Fluoranthene

Concen: 2.645 ng

RT: 19.304 min Scan# 2757

Delta R.T. -0.006 min

Lab File: BP019682.D

Acq: 13 Feb 2024 17:42

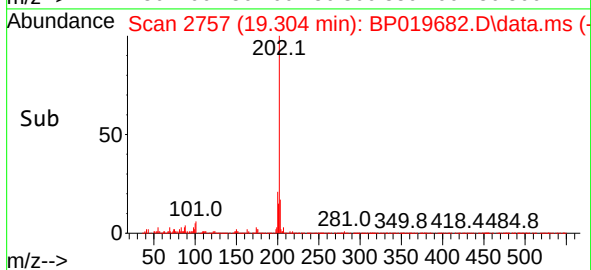
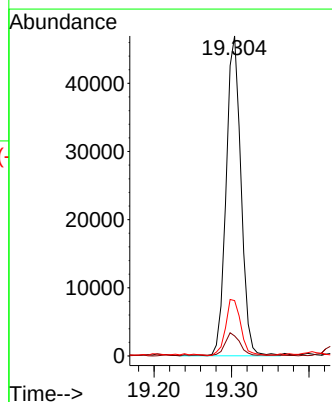
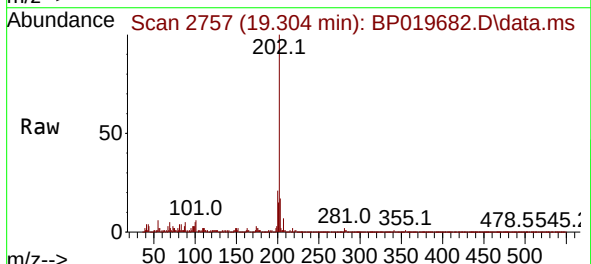
Tgt Ion:202 Resp: 62548

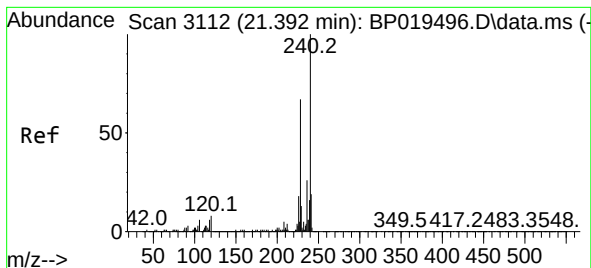
Ion Ratio Lower Upper

202 100

101 6.2 0.0 27.7

203 17.3 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: BP019682.D

Acq: 13 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724-CONC

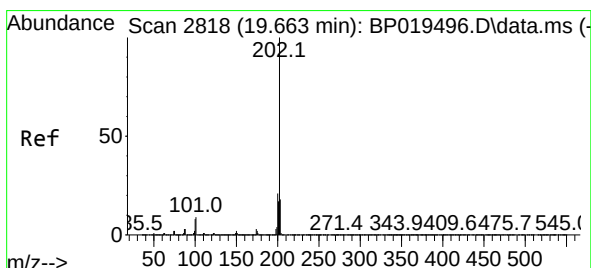
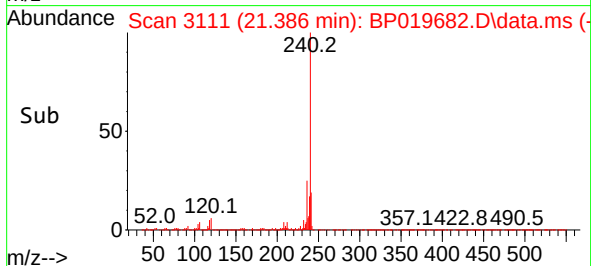
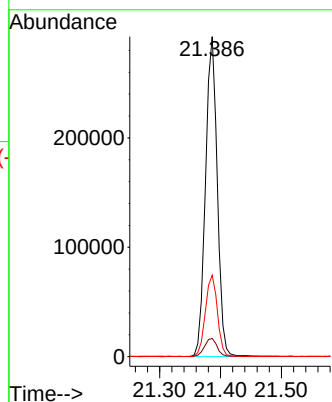
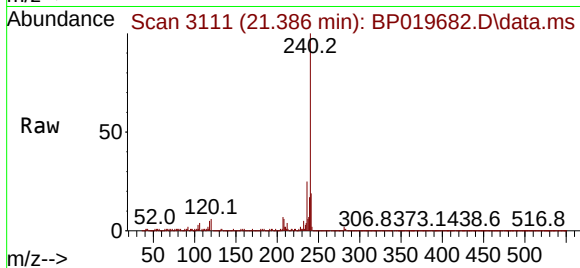
Tgt Ion:240 Resp: 391954

Ion Ratio Lower Upper

240 100

120 5.7 6.1 9.1#

236 25.5 20.7 31.1



#78

Pyrene

Concen: 2.131 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019682.D

Acq: 13 Feb 2024 17:42

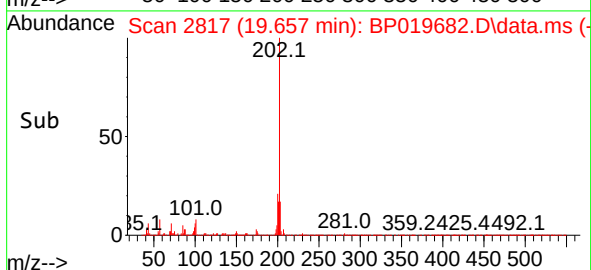
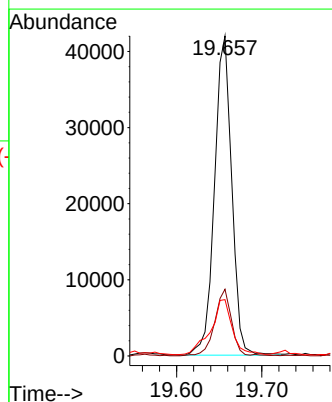
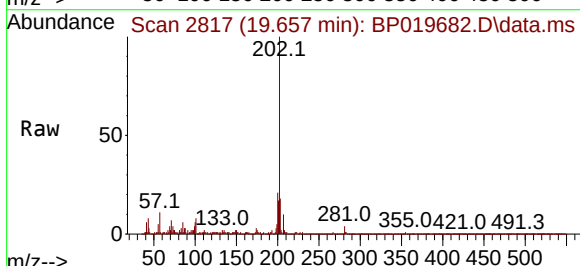
Tgt Ion:202 Resp: 58940

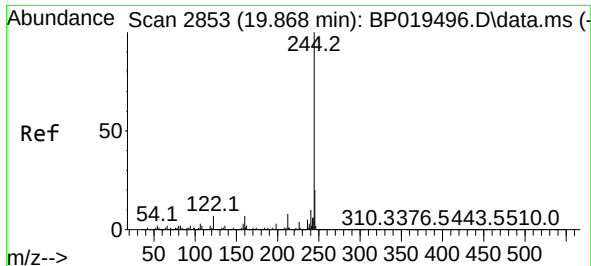
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 74.957 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019682.D

Acq: 13 Feb 2024 17:42

Instrument :

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ClientSampleId :

FRENCH-020724-CONC

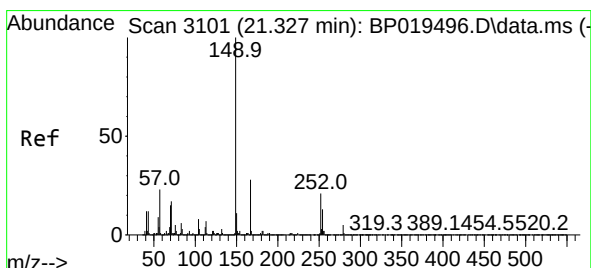
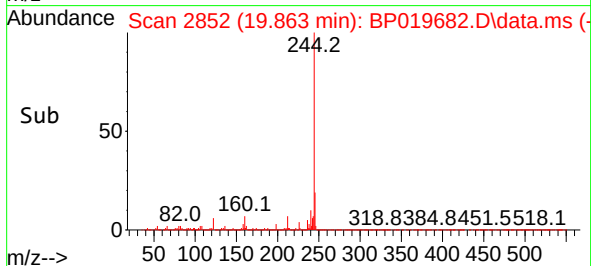
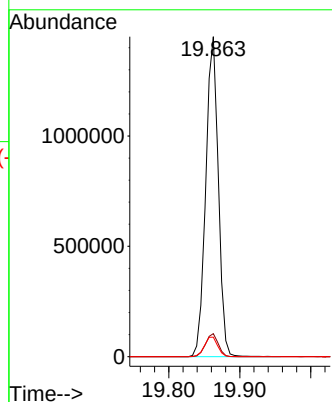
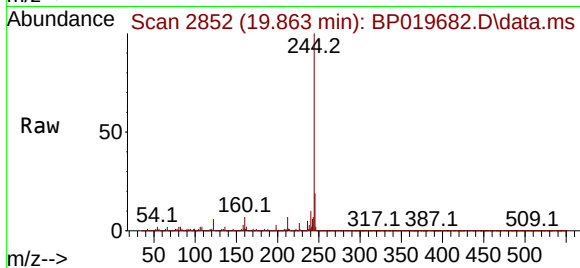
Tgt Ion:244 Resp: 1786500

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.1 5.9 8.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.652 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP019682.D

Acq: 13 Feb 2024 17:42

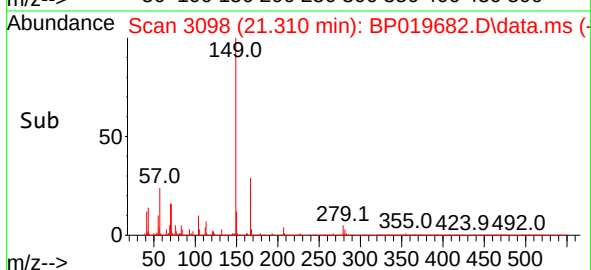
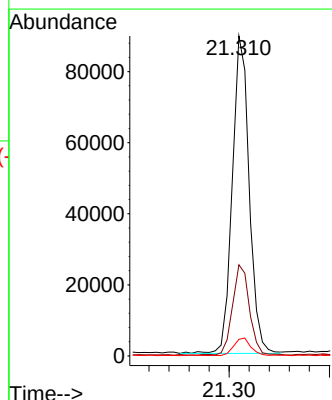
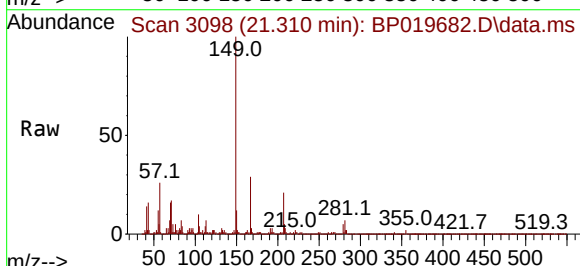
Tgt Ion:149 Resp: 104635

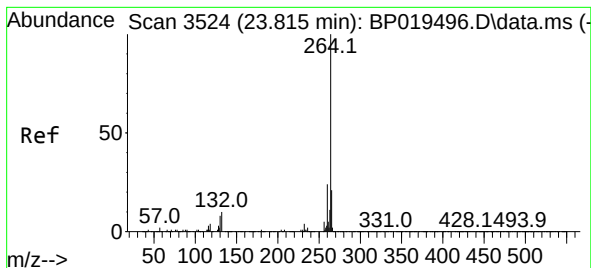
Ion Ratio Lower Upper

149 100

167 28.5 22.7 34.1

279 5.2 4.2 6.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019682.D

Acq: 13 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724-CONC

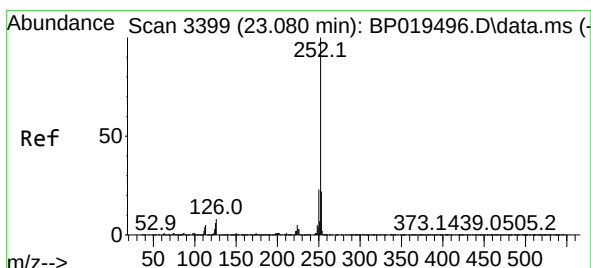
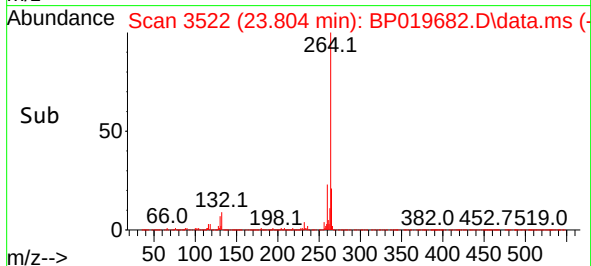
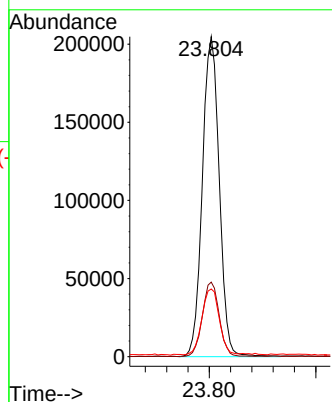
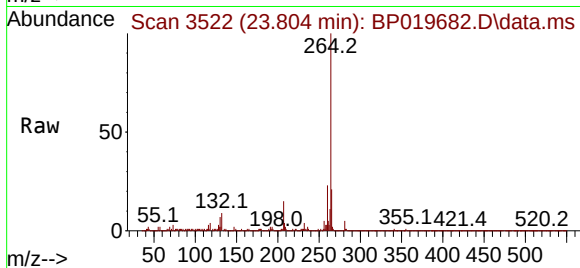
Tgt Ion:264 Resp: 451180

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.1 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.271 ng

RT: 23.063 min Scan# 3396

Delta R.T. -0.017 min

Lab File: BP019682.D

Acq: 13 Feb 2024 17:42

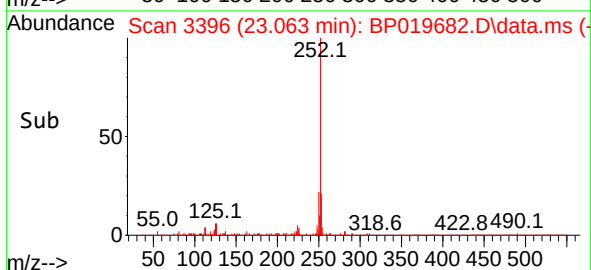
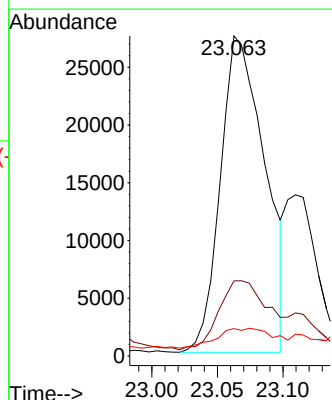
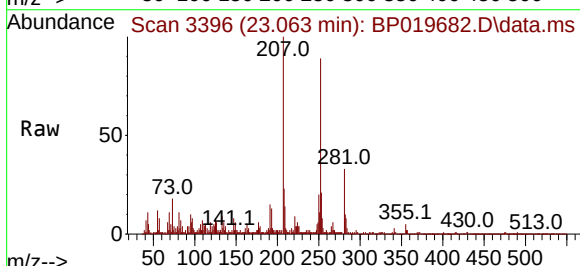
Tgt Ion:252 Resp: 64570

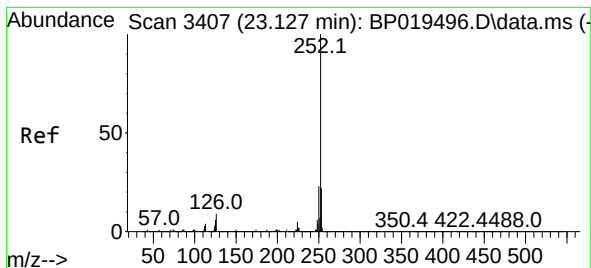
Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

125 8.5 4.9 7.3#





#89

Benzo(k)fluoranthene

Concen: 2.377 ng

RT: 23.063 min Scan# 31

Delta R.T. -0.064 min

Lab File: BP019682.D

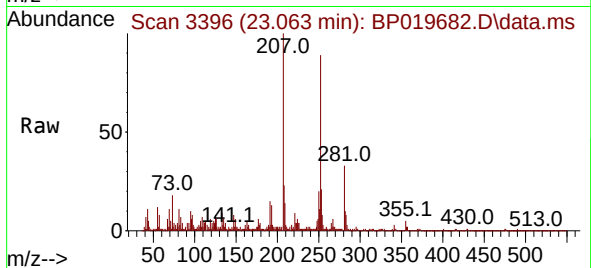
Acq: 13 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724-CONC



Tgt Ion:252 Resp: 64570

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

125 8.5 5.0 7.6#

