

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019674.D
 Acq On : 12 Feb 2024 21:33
 Operator : MA/JU
 Sample : P1435-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FRENCH-020724

Quant Time: Feb 12 22:26:53 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	96744	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	331885	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	181752	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	348487	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	391537	20.000	ng	0.00
86) Perylene-d12	23.804	264	517592	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	475653	79.252	ng	0.00
7) Phenol-d6	7.075	99	696391	86.053	ng	-0.01
23) Nitrobenzene-d5	9.075	82	580667	75.813	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	187413	70.623	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1179857	80.251	ng	-0.02
79) Terphenyl-d14	19.863	244	1607989	67.539	ng	0.00

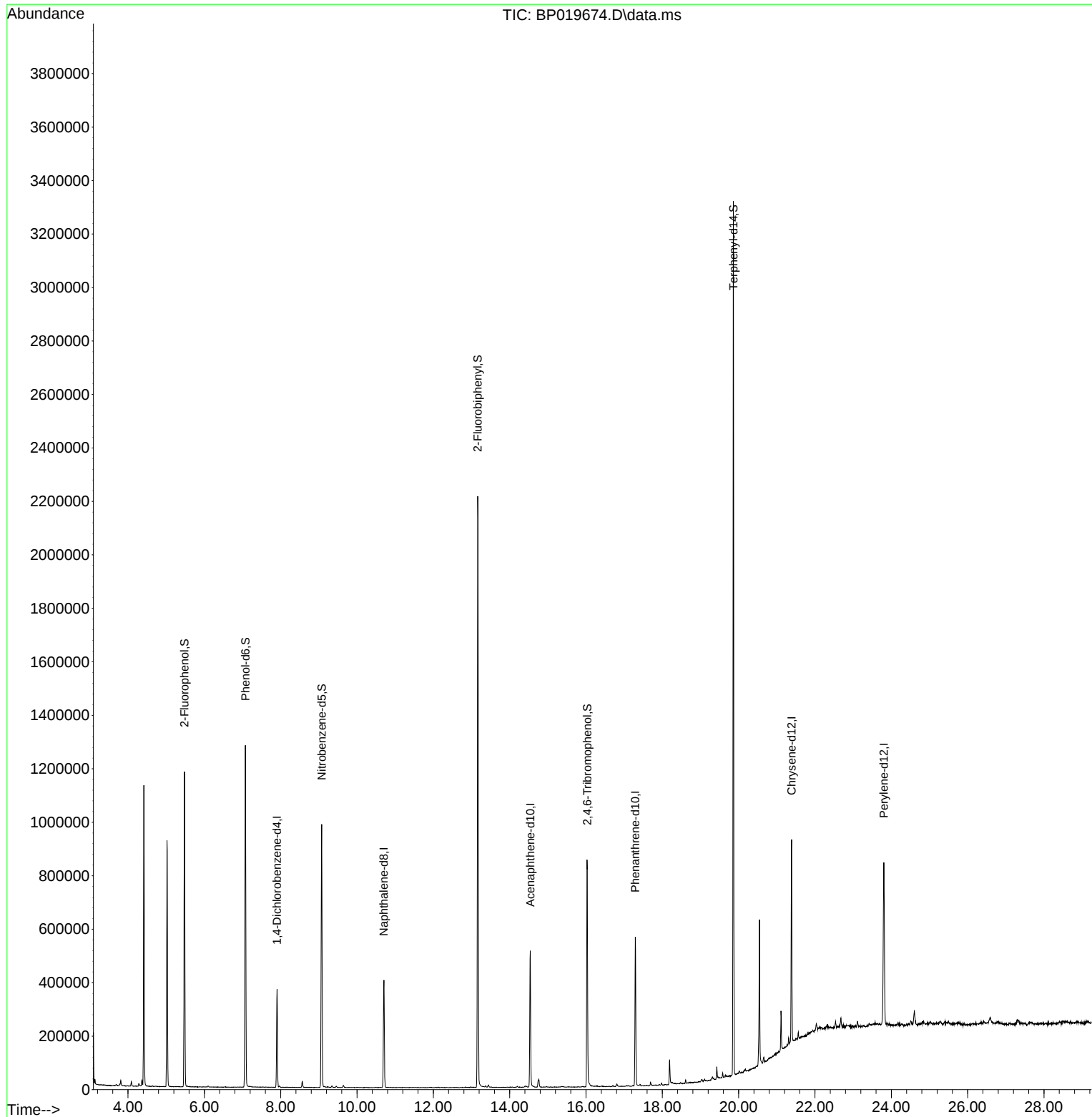
Target Compounds	Qvalue

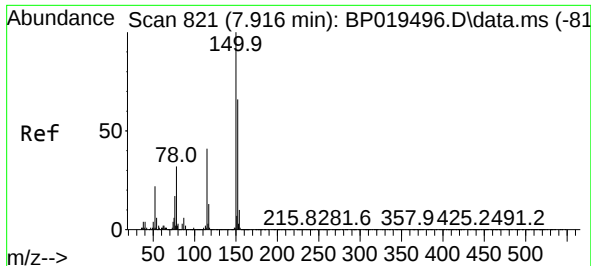
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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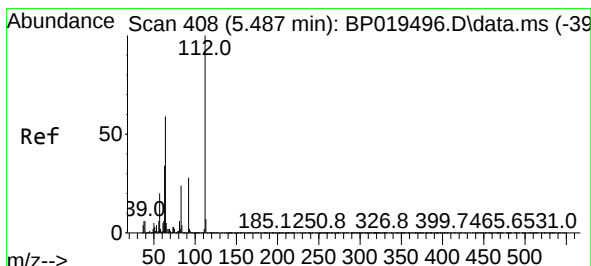
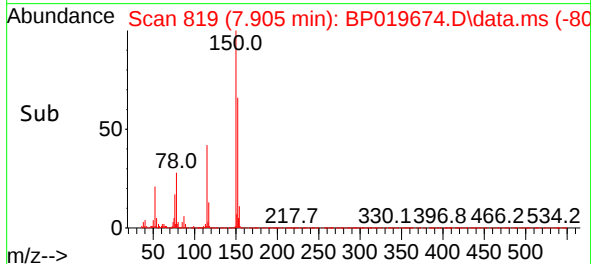
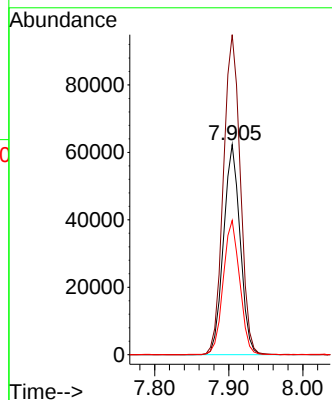
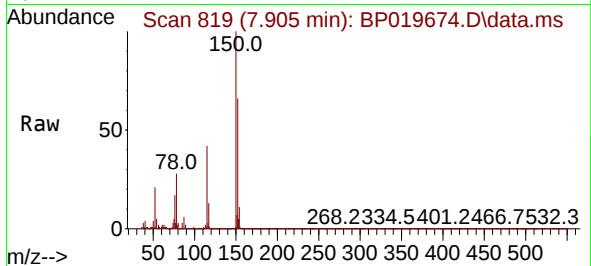




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019674.D
Acq: 12 Feb 2024 21:33

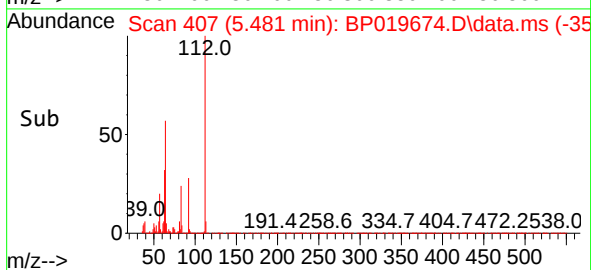
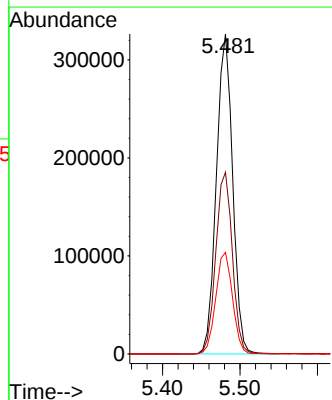
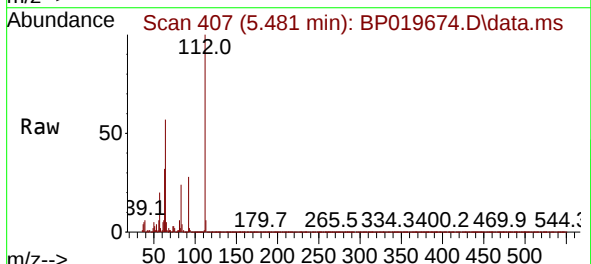
Instrument :
BNA_P
ClientSampleId :
FRENCH-020724

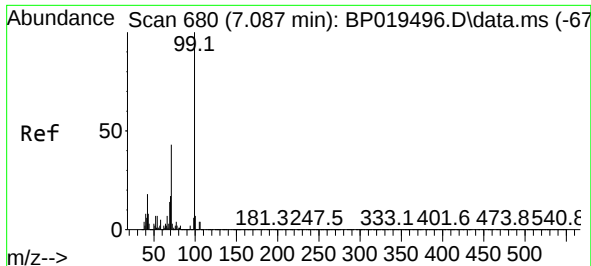
Tgt Ion:152 Resp: 96744
Ion Ratio Lower Upper
152 100
150 152.4 121.8 182.8
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 79.252 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019674.D
Acq: 12 Feb 2024 21:33

Tgt Ion:112 Resp: 475653
Ion Ratio Lower Upper
112 100
64 56.8 47.4 71.0
63 31.8 27.0 40.6

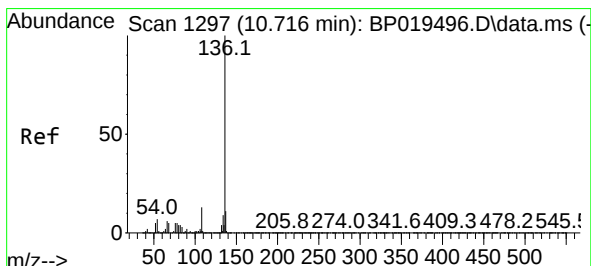
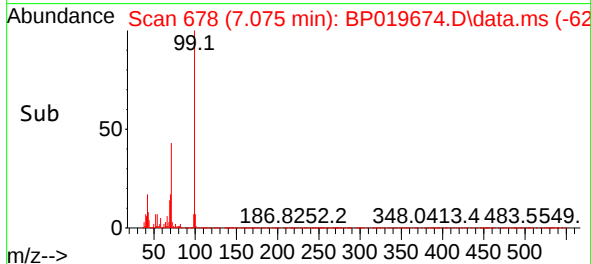
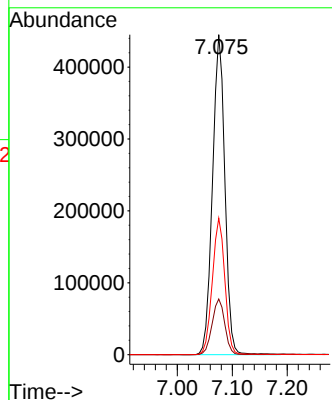
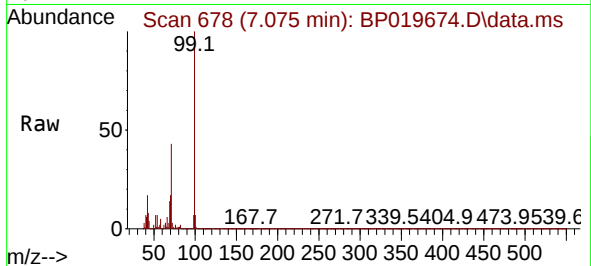




#7
Phenol-d6
Concen: 86.053 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019674.D
Acq: 12 Feb 2024 21:33

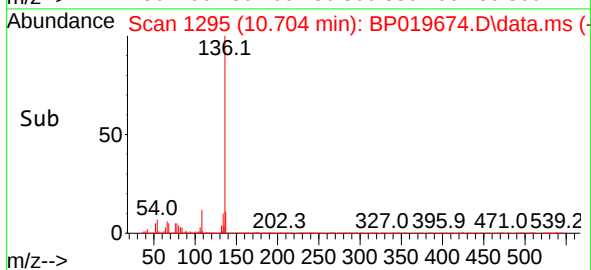
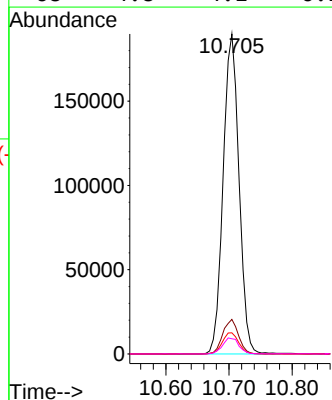
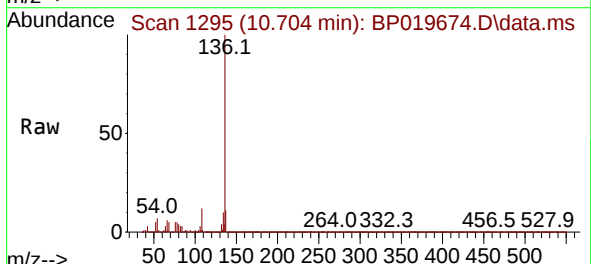
Instrument :
BNA_P
ClientSampleId :
FRENCH-020724

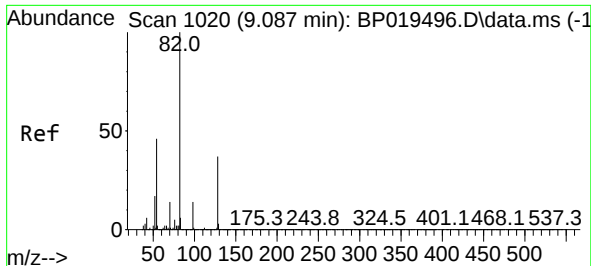
Tgt Ion: 99 Resp: 696391
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 42.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019674.D
Acq: 12 Feb 2024 21:33

Tgt Ion: 136 Resp: 331885
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.3 7.9
68 4.8 4.1 6.1

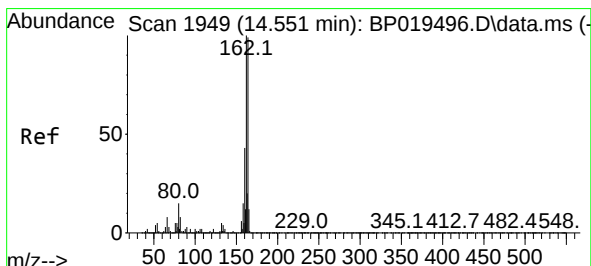
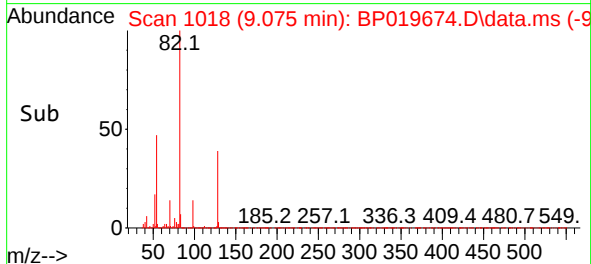
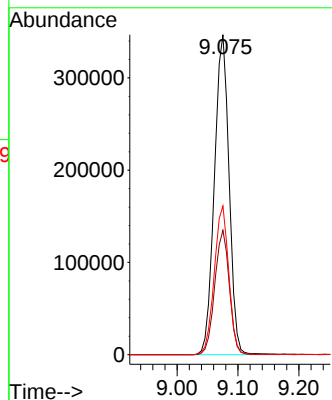
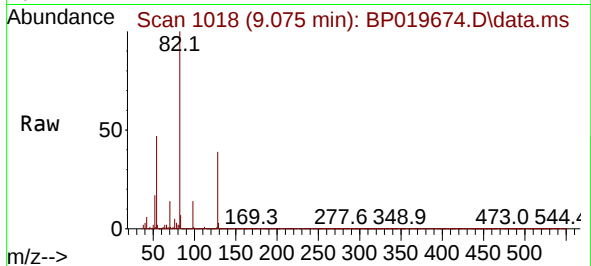




#23
Nitrobenzene-d5
Concen: 75.813 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019674.D
Acq: 12 Feb 2024 21:33

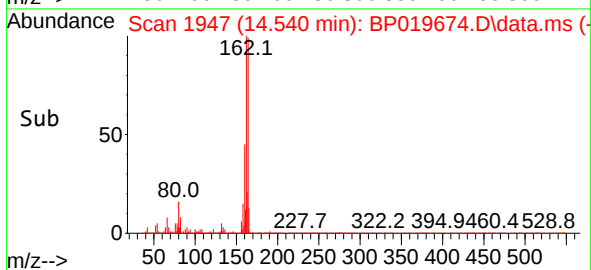
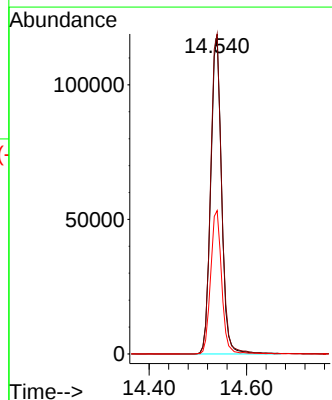
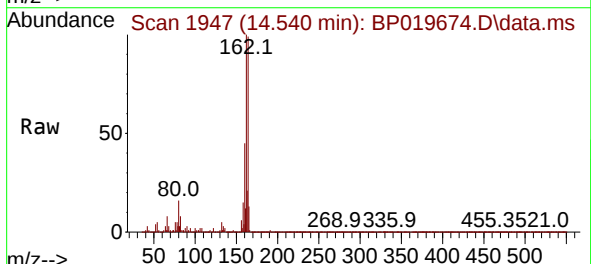
Instrument :
BNA_P
ClientSampleId :
FRENCH-020724

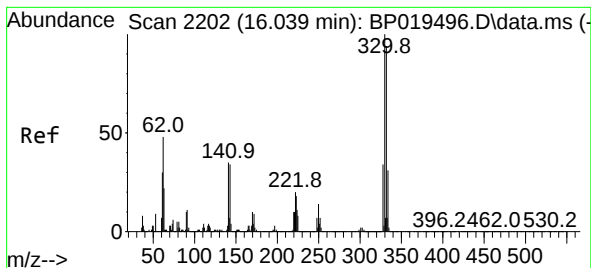
Tgt Ion: 82 Resp: 580667
Ion Ratio Lower Upper
82 100
128 38.8 29.7 44.5
54 46.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019674.D
Acq: 12 Feb 2024 21:33

Tgt Ion: 164 Resp: 181752
Ion Ratio Lower Upper
164 100
162 101.1 81.2 121.8
160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 70.623 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019674.D

Acq: 12 Feb 2024 21:33

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724

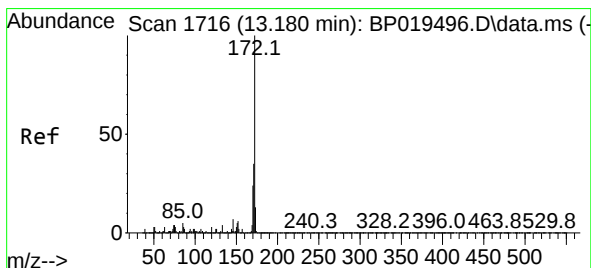
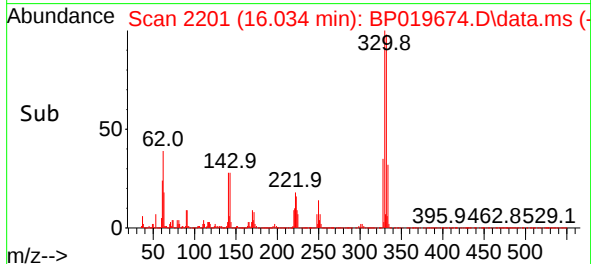
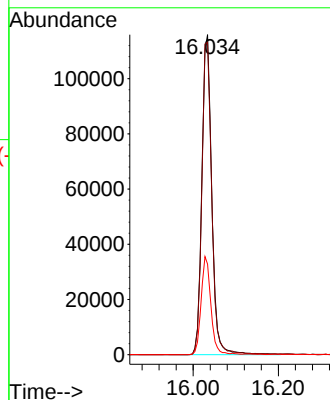
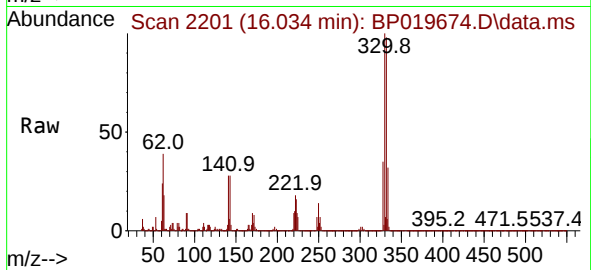
Tgt Ion:330 Resp: 187413

Ion Ratio Lower Upper

330 100

332 97.7 77.2 115.8

141 30.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 80.251 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019674.D

Acq: 12 Feb 2024 21:33

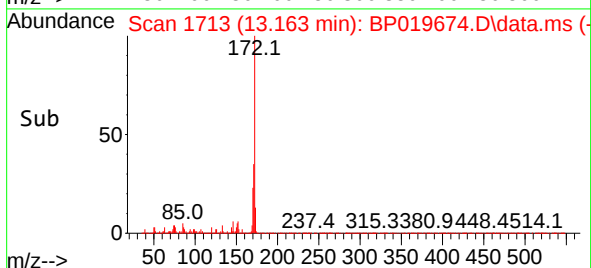
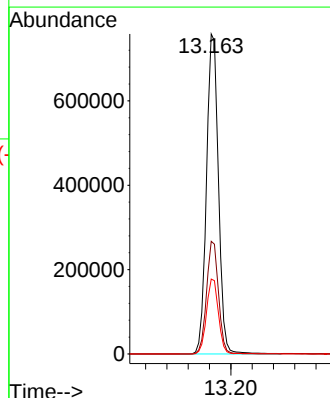
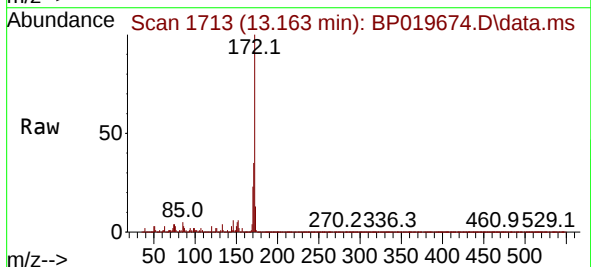
Tgt Ion:172 Resp: 1179857

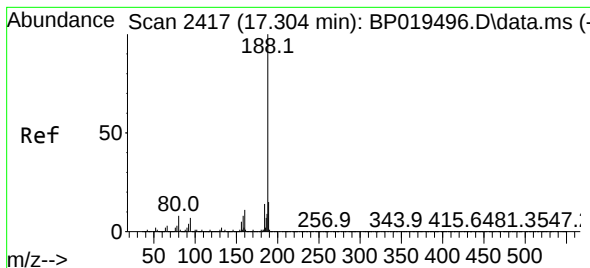
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.4 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: BP019674.D

Acq: 12 Feb 2024 21:33

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724

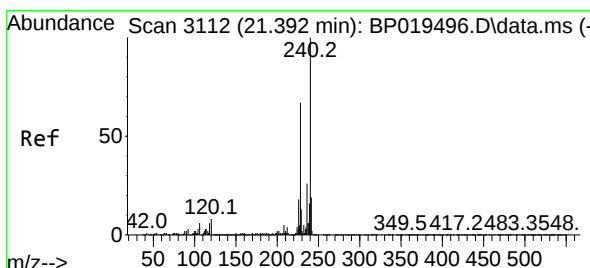
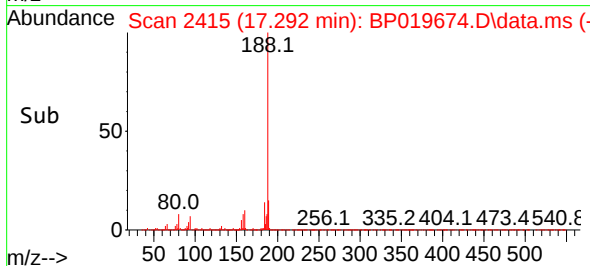
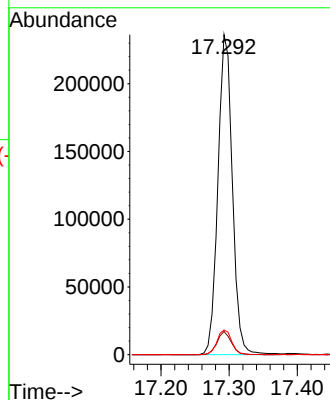
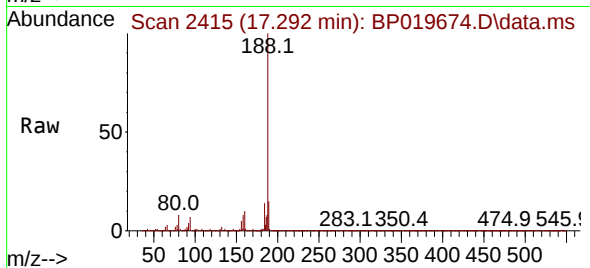
Tgt Ion:188 Resp: 348487

Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 7.7 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019674.D

Acq: 12 Feb 2024 21:33

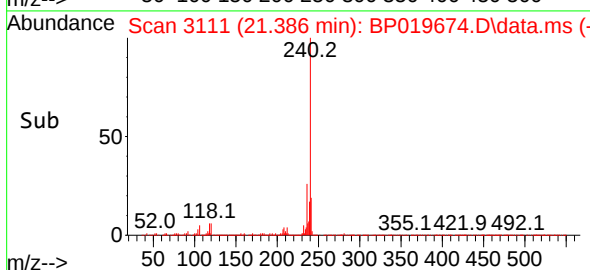
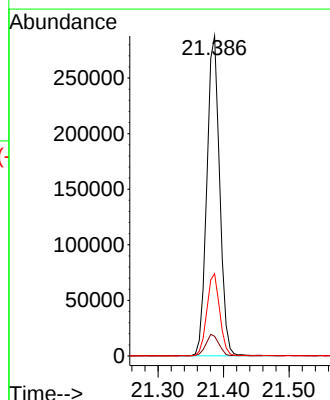
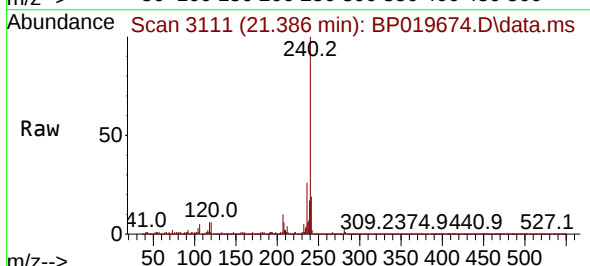
Tgt Ion:240 Resp: 391537

Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 67.539 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019674.D

Acq: 12 Feb 2024 21:33

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724

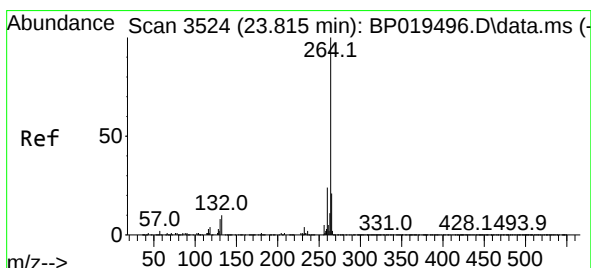
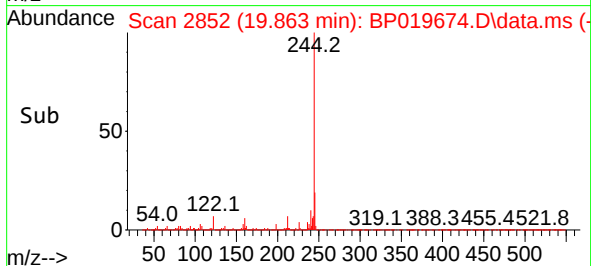
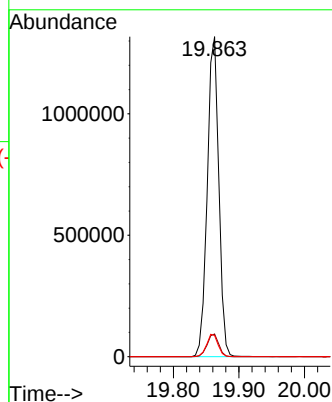
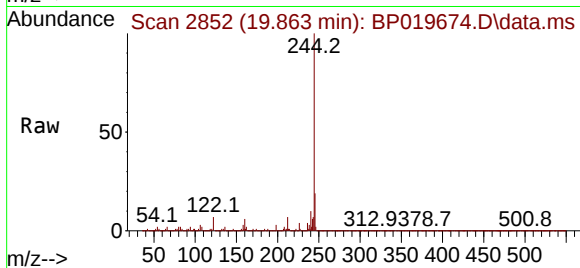
Tgt Ion:244 Resp: 1607989

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.6 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019674.D

Acq: 12 Feb 2024 21:33

Tgt Ion:264 Resp: 517592

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.4 17.0 25.4

