

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019675.D
 Acq On : 12 Feb 2024 22:07
 Operator : MA/JU
 Sample : P1435-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FRENCH-020724

Quant Time: Feb 12 23:25:47 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	7.904	152	95718	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	328911	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	183231	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	396417	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	512723	20.000	ng	0.00
86) Perylene-d12	23.804	264	599458	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	670466	112.909	ng	0.00
7) Phenol-d6	7.075	99	737754	92.141	ng	-0.01
23) Nitrobenzene-d5	9.075	82	667203	87.899	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	428413	160.136	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1354889	91.412	ng	-0.01
79) Terphenyl-d14	19.863	244	2487348	79.781	ng	0.00

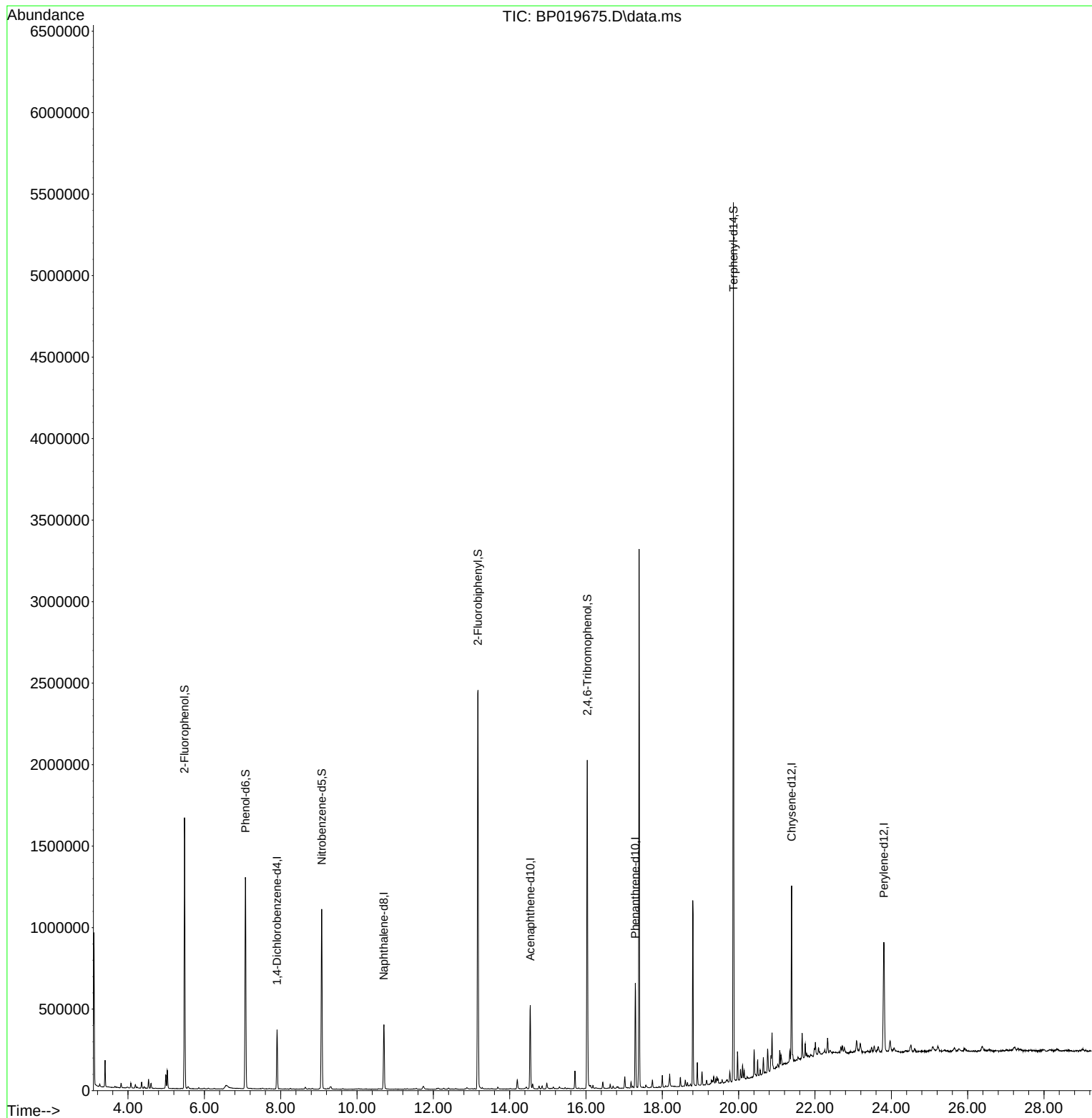
Target Compounds	Qvalue

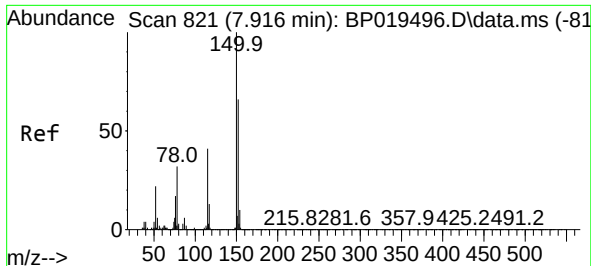
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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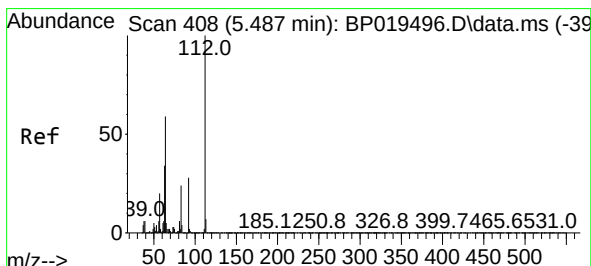
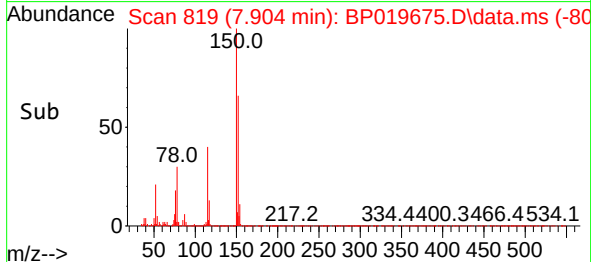
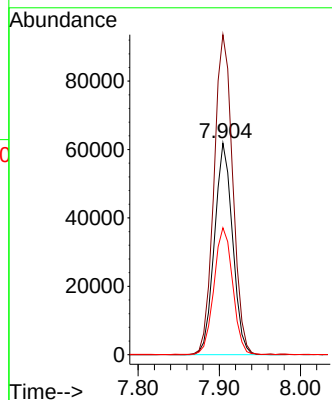
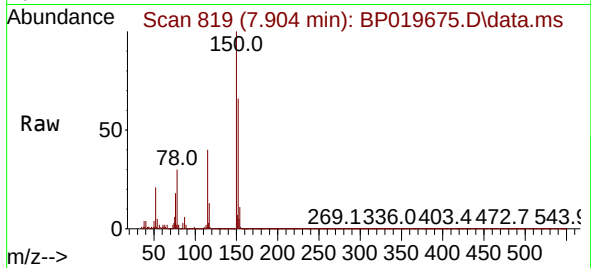




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019675.D
Acq: 12 Feb 2024 22:07

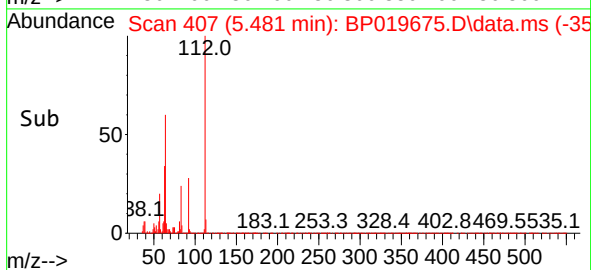
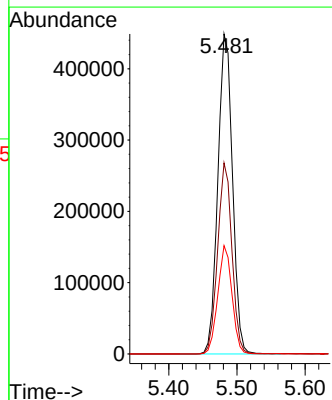
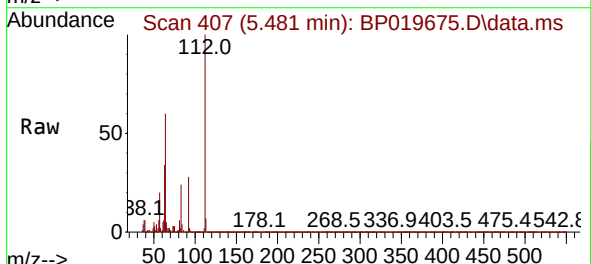
Instrument :
BNA_P
ClientSampleId :
FRENCH-020724

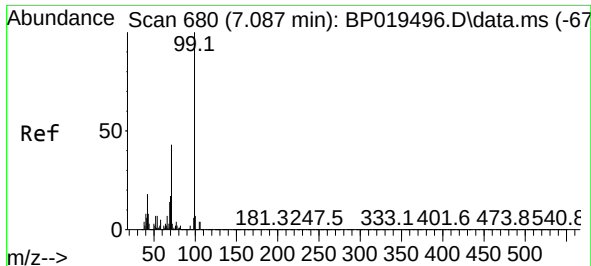
Tgt Ion:152 Resp: 95718
Ion Ratio Lower Upper
152 100
150 151.3 121.8 182.8
115 60.0 49.9 74.9



#5
2-Fluorophenol
Concen: 112.909 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019675.D
Acq: 12 Feb 2024 22:07

Tgt Ion:112 Resp: 670466
Ion Ratio Lower Upper
112 100
64 59.7 47.4 71.0
63 33.9 27.0 40.6

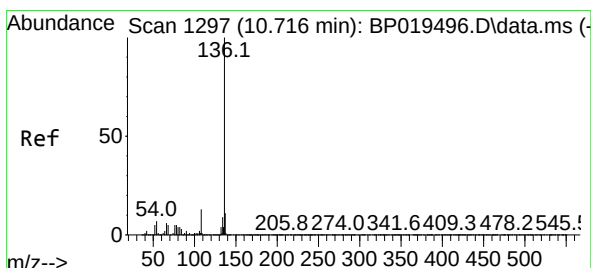
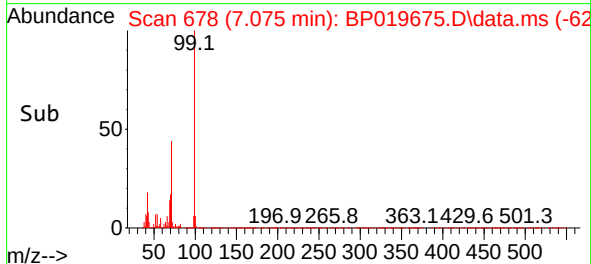
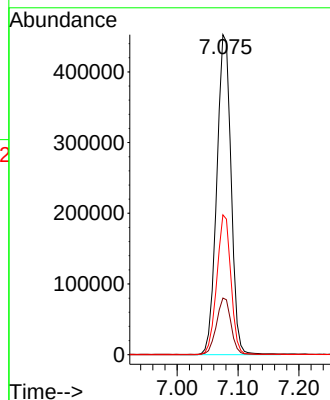
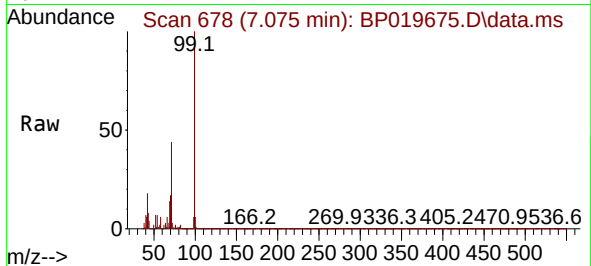




#7
Phenol-d6
Concen: 92.141 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019675.D
Acq: 12 Feb 2024 22:07

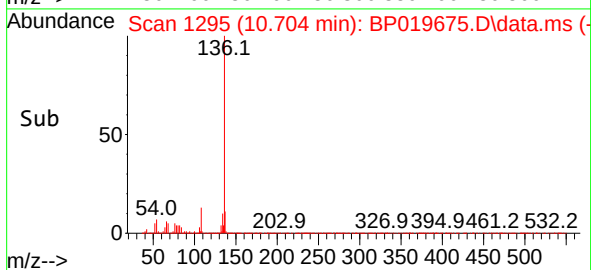
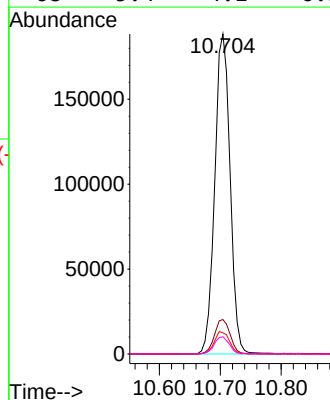
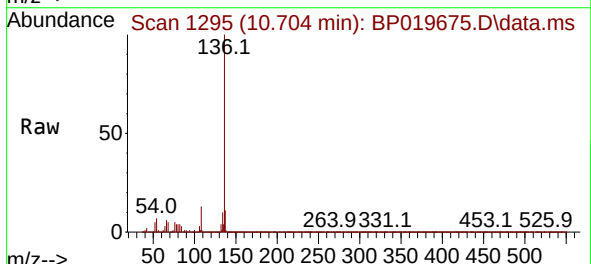
Instrument :
BNA_P
ClientSampleId :
FRENCH-020724

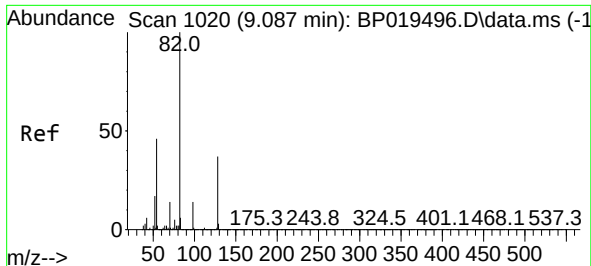
Tgt Ion: 99 Resp: 737754
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 43.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019675.D
Acq: 12 Feb 2024 22:07

Tgt Ion: 136 Resp: 328911
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.3 7.9
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 87.899 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019675.D

Acq: 12 Feb 2024 22:07

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724

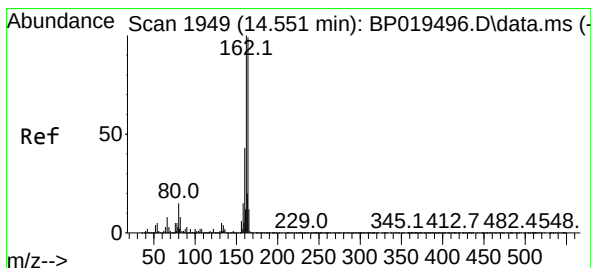
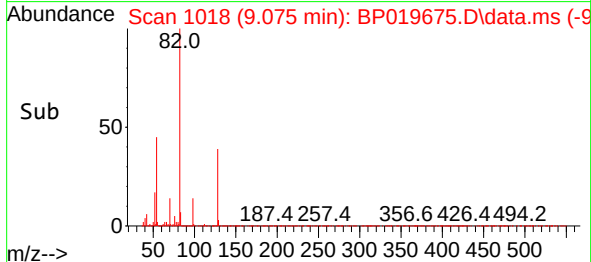
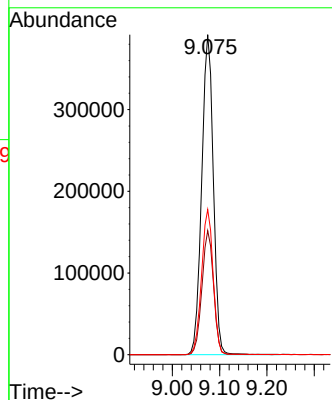
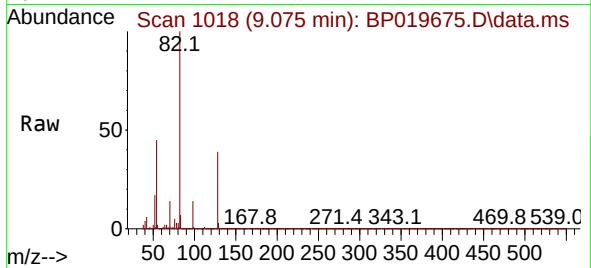
Tgt Ion: 82 Resp: 667203

Ion Ratio Lower Upper

82 100

128 38.8 29.7 44.5

54 45.4 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019675.D

Acq: 12 Feb 2024 22:07

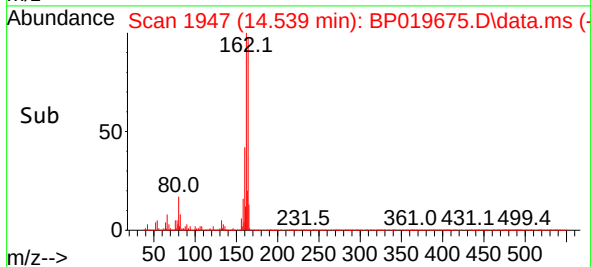
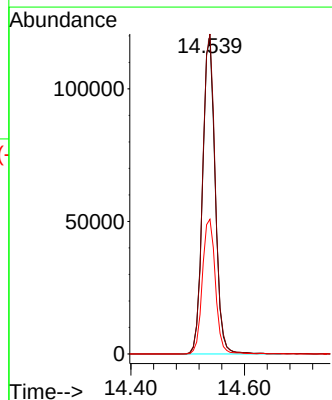
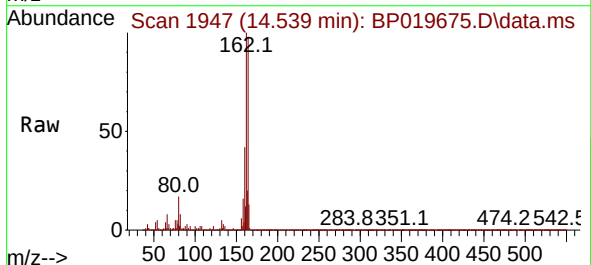
Tgt Ion: 164 Resp: 183231

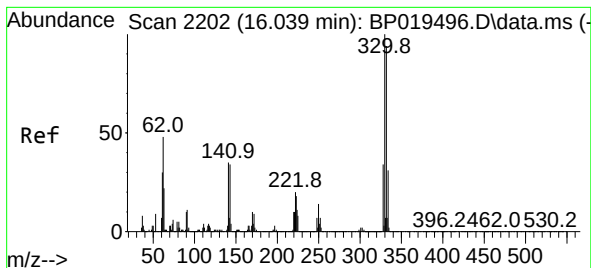
Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

160 42.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 160.136 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019675.D

Acq: 12 Feb 2024 22:07

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724

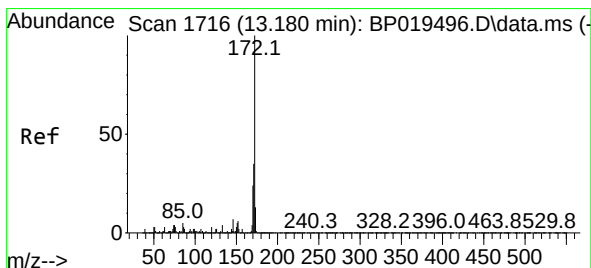
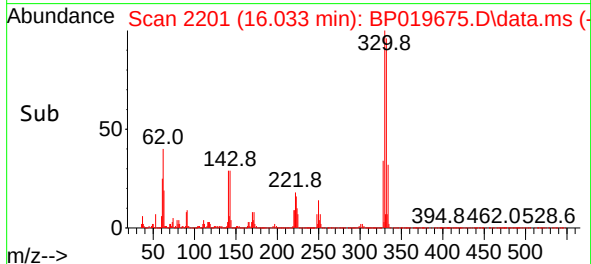
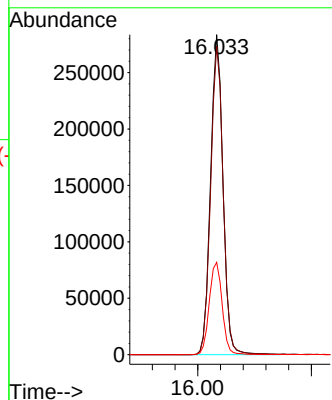
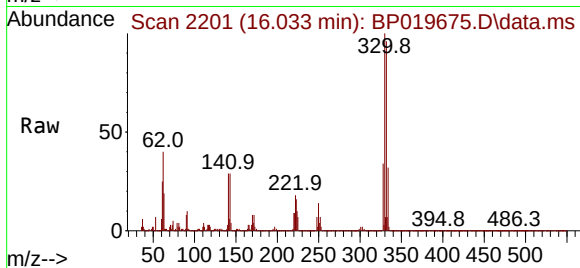
Tgt Ion:330 Resp: 428413

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

141 30.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 91.412 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019675.D

Acq: 12 Feb 2024 22:07

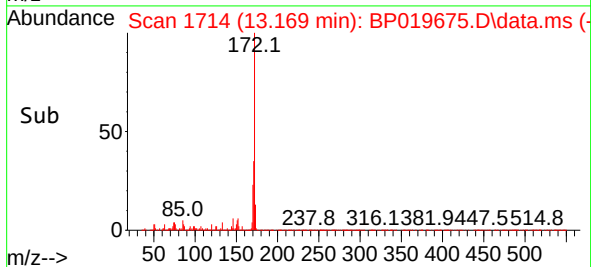
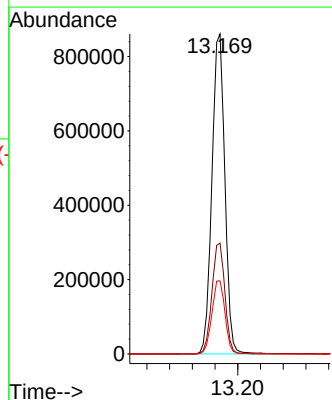
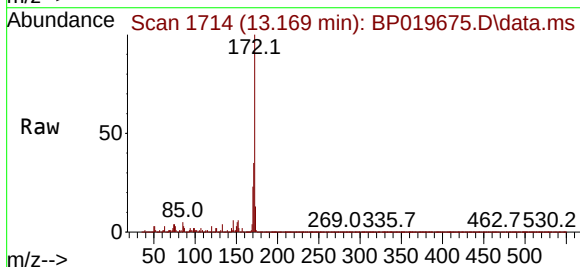
Tgt Ion:172 Resp: 1354889

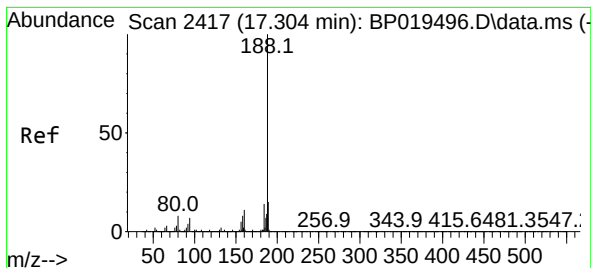
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 22.8 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: BP019675.D

Acq: 12 Feb 2024 22:07

Instrument :

BNA_P

ClientSampleId :

FRENCH-020724

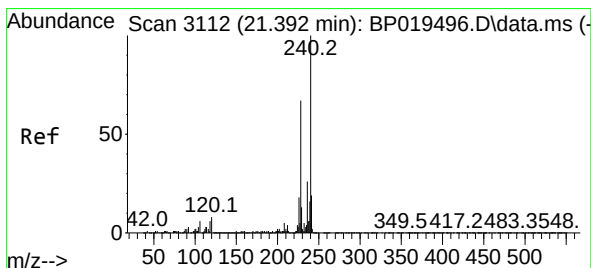
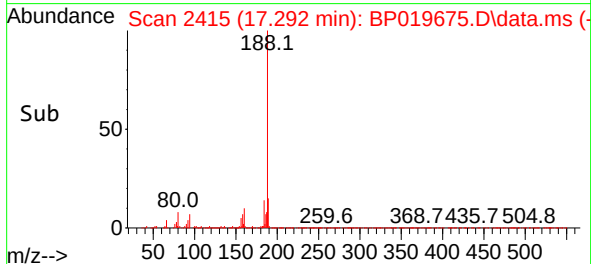
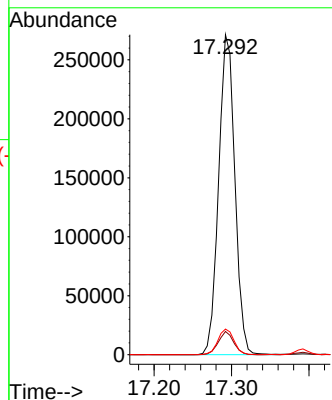
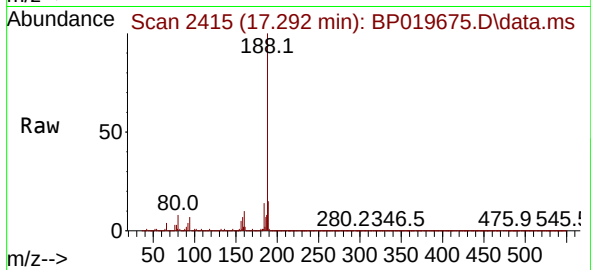
Tgt Ion:188 Resp: 396417

Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.0 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: BP019675.D

Acq: 12 Feb 2024 22:07

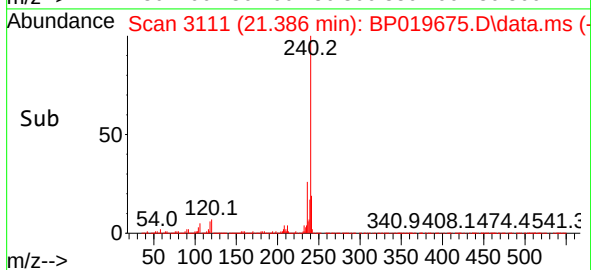
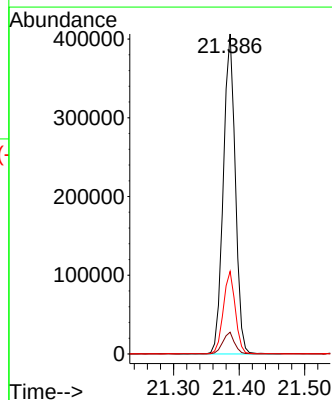
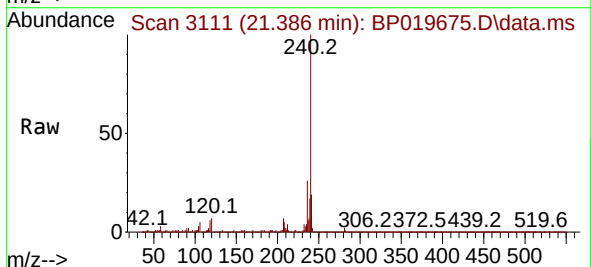
Tgt Ion:240 Resp: 512723

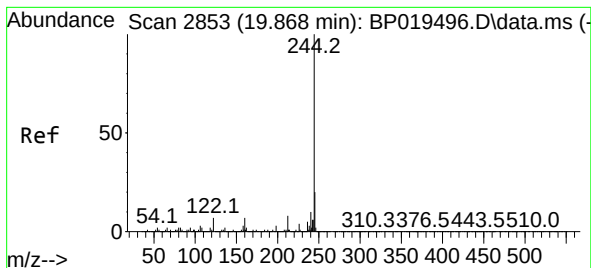
Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 79.781 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019675.D

Acq: 12 Feb 2024 22:07

Instrument :

BNA_P

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FRENCH-020724

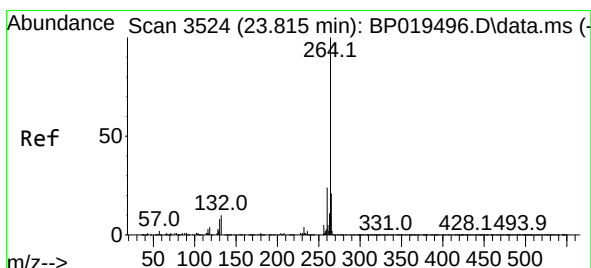
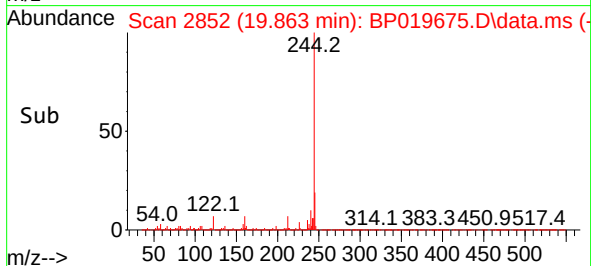
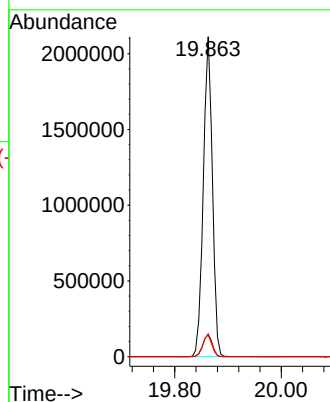
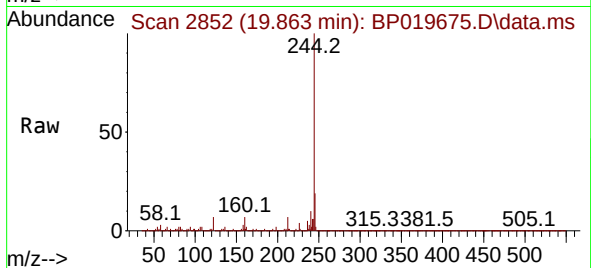
Tgt Ion:244 Resp: 2487348

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.8 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019675.D

Acq: 12 Feb 2024 22:07

Tgt Ion:264 Resp: 599458

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.6 17.0 25.4

