

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021540.D
 Acq On : 16 Aug 2024 15:12
 Operator : RC/JU
 Sample : P3518-05RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-03-080724RE

Quant Time: Aug 16 15:41:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

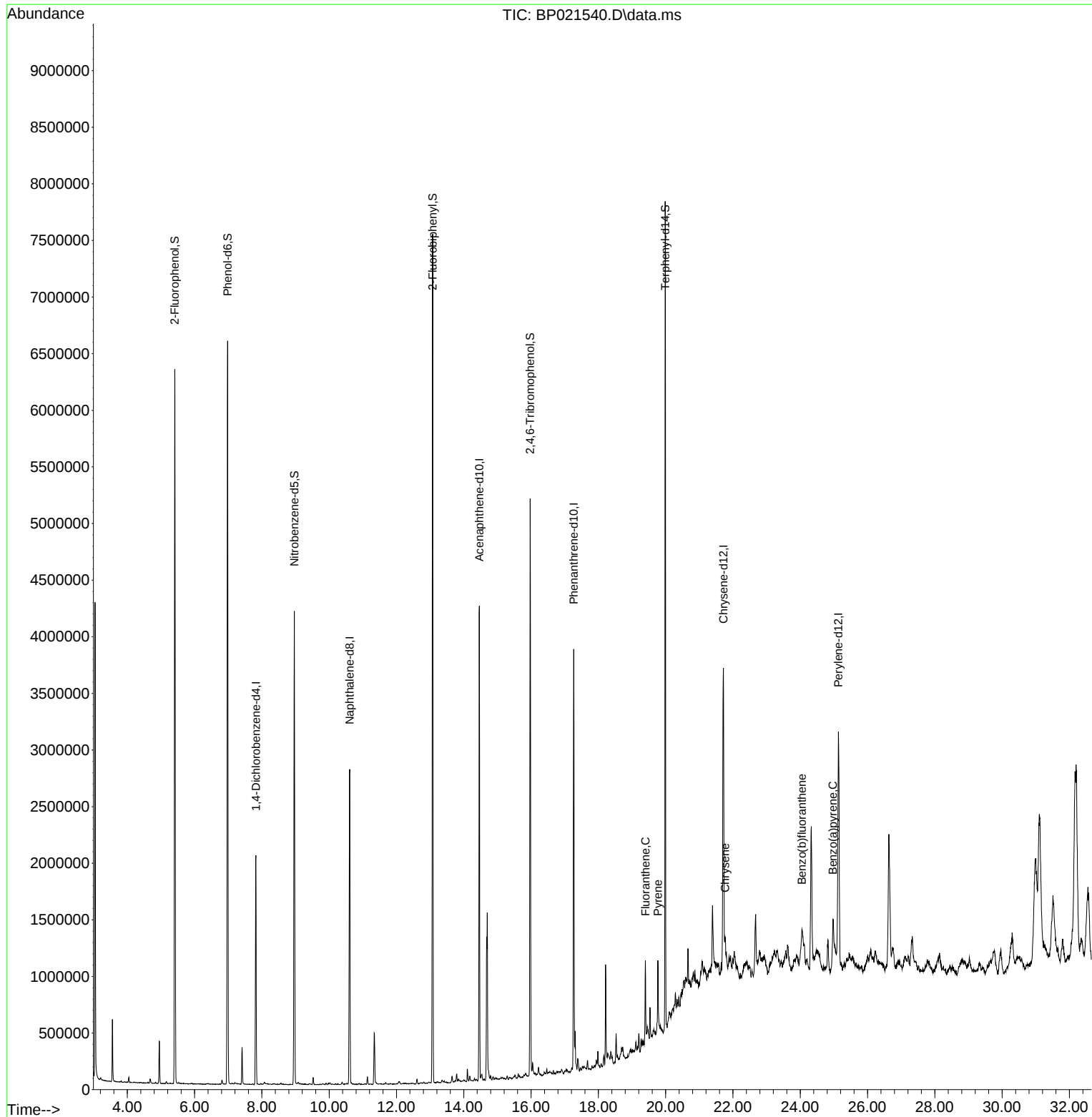
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	543985	20.000	ng	0.01
21) Naphthalene-d8	10.610	136	2309246	20.000	ng	0.01
39) Acenaphthene-d10	14.463	164	1337933	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2187436	20.000	ng	0.02
76) Chrysene-d12	21.715	240	1743108	20.000	ng	0.02
86) Perylene-d12	25.133	264	2225455	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	2996653	81.797	ng	0.02
7) Phenol-d6	6.981	99	4380194	81.961	ng	0.02
23) Nitrobenzene-d5	8.963	82	2544197	56.867	ng	0.01
42) 2,4,6-Tribromophenol	15.975	330	1054660	70.827	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3718495	42.416	ng	0.01
79) Terphenyl-d14	19.986	244	3375764	37.624	ng	0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.398	202	386670	2.996	ng	99
78) Pyrene	19.768	202	356920	3.133	ng	98
83) Chrysene	21.768	228	235780	2.282	ng	# 94
88) Benzo(b)fluoranthene	24.051	252	381660	2.986	ng	# 92
90) Benzo(a)pyrene	24.974	252	291358	2.627	ng	# 92

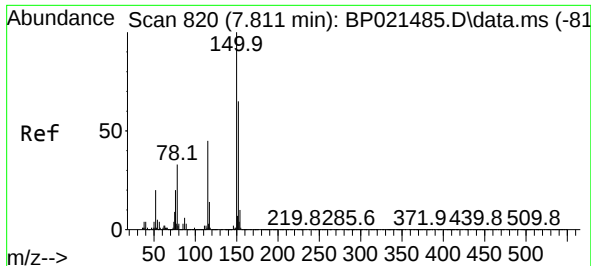
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
Data File : BP021540.D
Acq On : 16 Aug 2024 15:12
Operator : RC/JU
Sample : P3518-05RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-03-080724RE

Quant Time: Aug 16 15:41:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

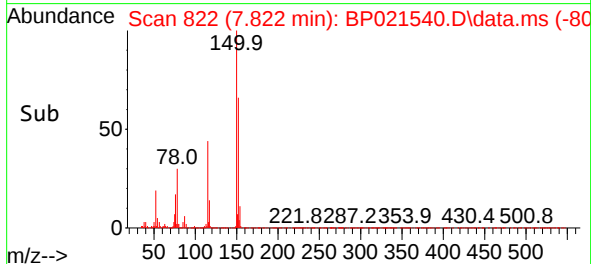
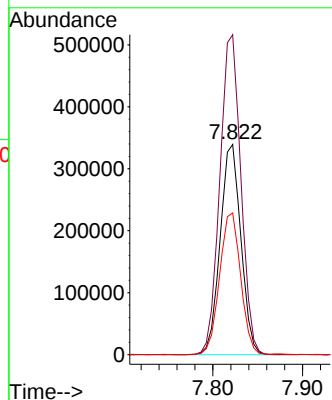
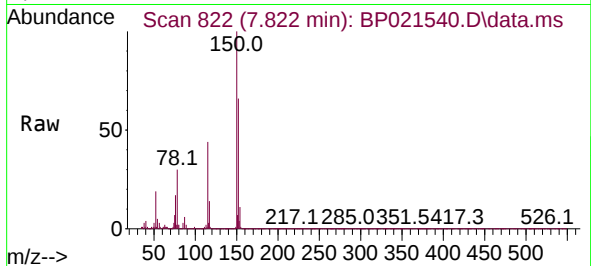




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.011 min
Lab File: BP021540.D
Acq: 16 Aug 2024 15:12

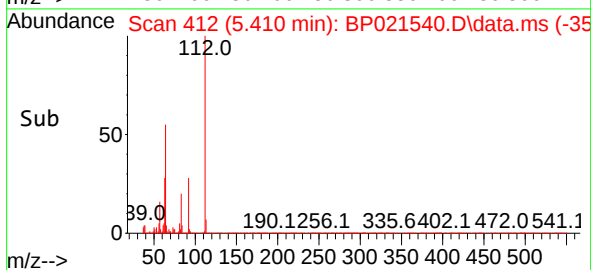
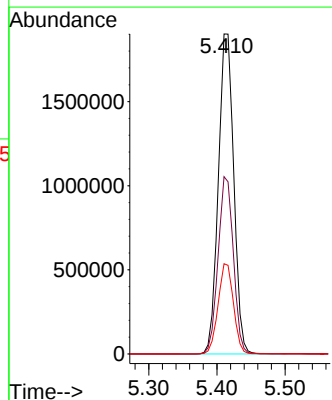
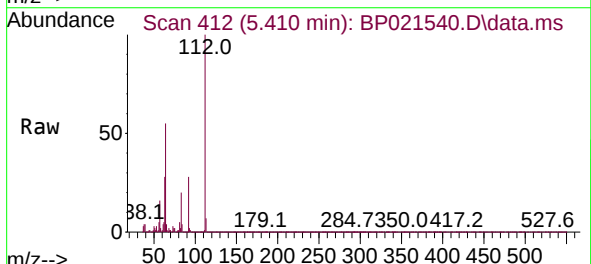
Instrument :
BNA_P
ClientSampleId :
OU4-TS-03-080724RE

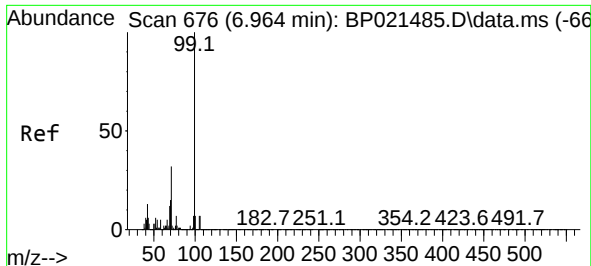
Tgt Ion:152 Resp: 543985
Ion Ratio Lower Upper
152 100
150 152.2 122.4 183.6
115 67.4 54.7 82.1



#5
2-Fluorophenol
Concen: 81.797 ng
RT: 5.410 min Scan# 412
Delta R.T. 0.017 min
Lab File: BP021540.D
Acq: 16 Aug 2024 15:12

Tgt Ion:112 Resp: 2996653
Ion Ratio Lower Upper
112 100
64 55.4 49.0 73.6
63 28.2 24.6 36.8

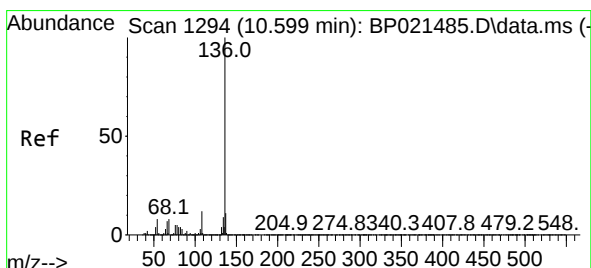
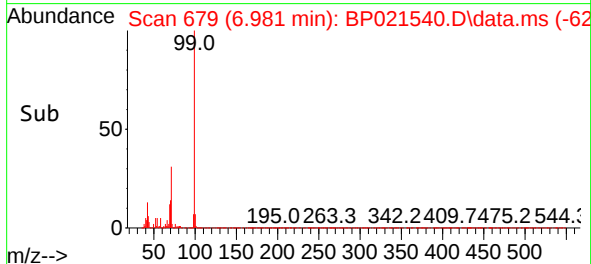
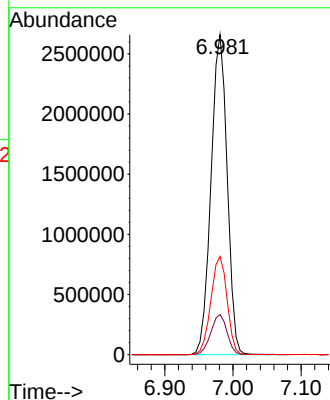
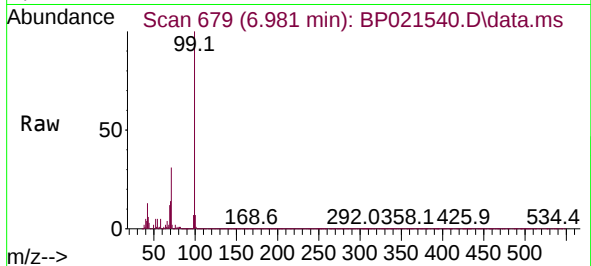




#7
Phenol-d6
Concen: 81.961 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.017 min
Lab File: BP021540.D
Acq: 16 Aug 2024 15:12

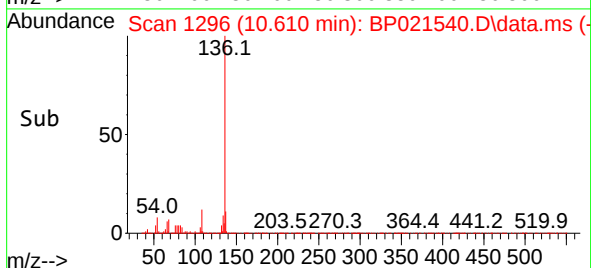
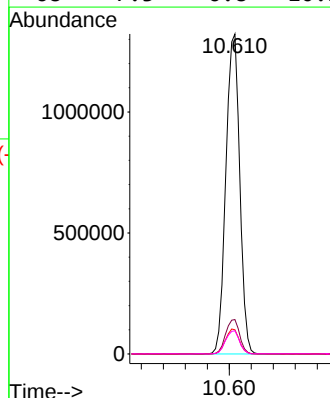
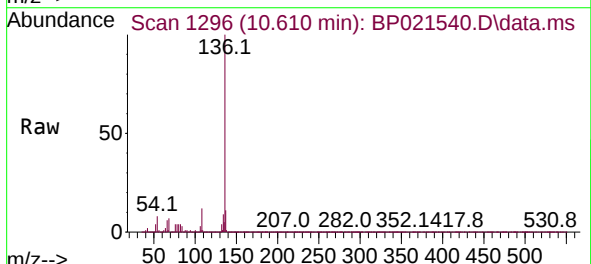
Instrument :
BNA_P
ClientSampleId :
OU4-TS-03-080724RE

Tgt Ion: 99 Resp: 4380194
Ion Ratio Lower Upper
99 100
42 12.6 10.2 15.4
71 30.7 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.011 min
Lab File: BP021540.D
Acq: 16 Aug 2024 15:12

Tgt Ion:136 Resp: 2309246
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.5 6.3 9.5
68 7.3 6.8 10.2

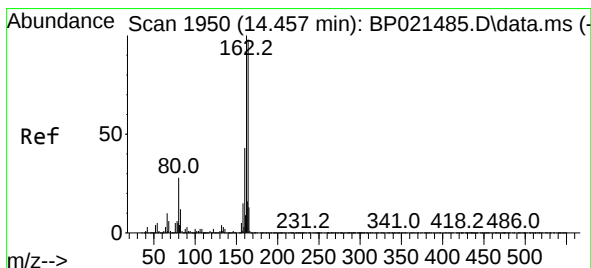
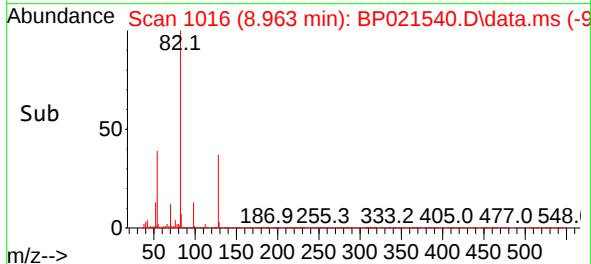
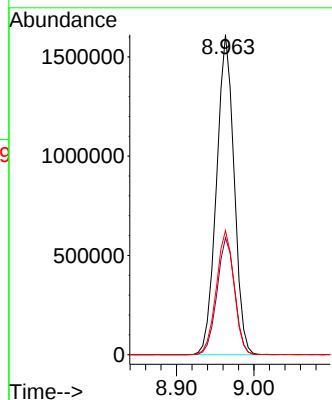
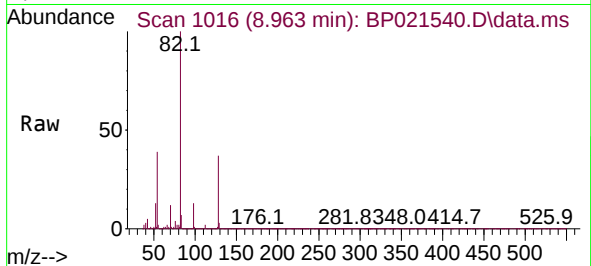




#23
Nitrobenzene-d5
Concen: 56.867 ng
RT: 8.963 min Scan# 1016
Delta R.T. 0.011 min
Lab File: BP021540.D
Acq: 16 Aug 2024 15:12

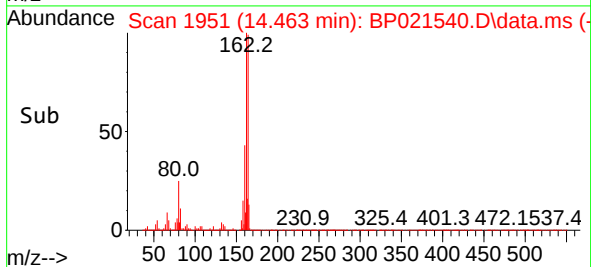
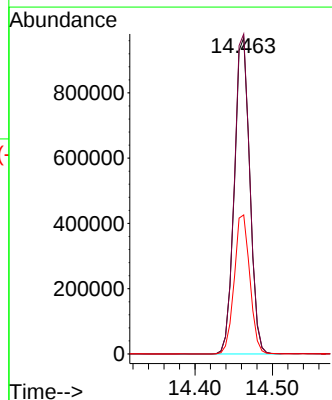
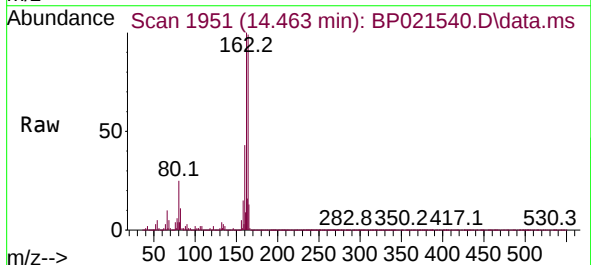
Instrument :
BNA_P
ClientSampleId :
OU4-TS-03-080724RE

Tgt Ion: 82 Resp: 2544197
Ion Ratio Lower Upper
82 100
128 36.5 26.5 39.7
54 38.8 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP021540.D
Acq: 16 Aug 2024 15:12

Tgt Ion: 164 Resp: 1337933
Ion Ratio Lower Upper
164 100
162 101.2 81.5 122.3
160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 70.827 ng

RT: 15.975 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021540.D

Acq: 16 Aug 2024 15:12

Instrument :

BNA_P

ClientSampleId :

OU4-TS-03-080724RE

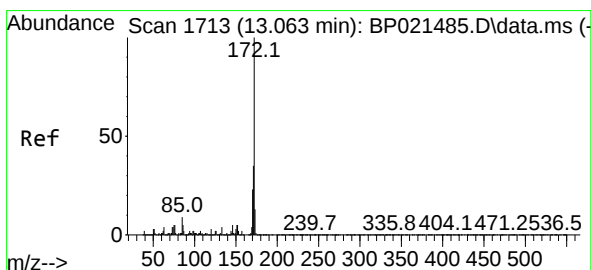
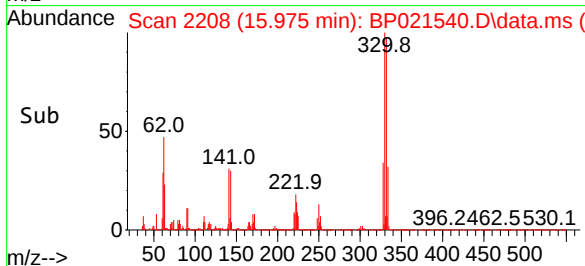
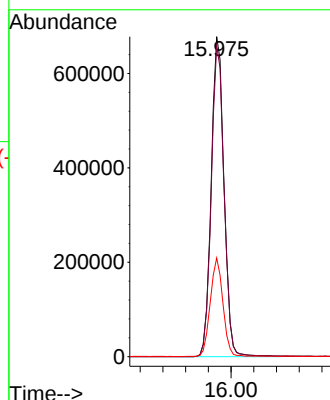
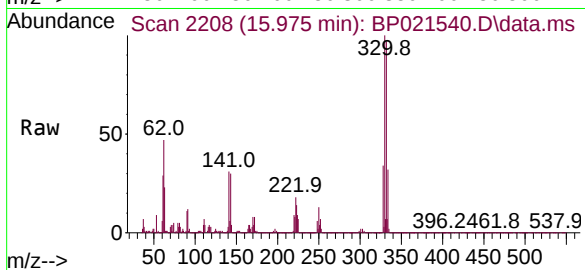
Tgt Ion:330 Resp: 1054660

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 30.5 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 42.416 ng

RT: 13.075 min Scan# 1715

Delta R.T. 0.011 min

Lab File: BP021540.D

Acq: 16 Aug 2024 15:12

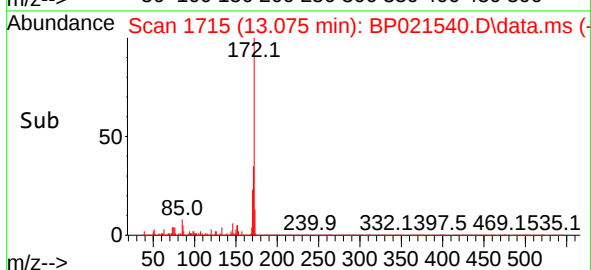
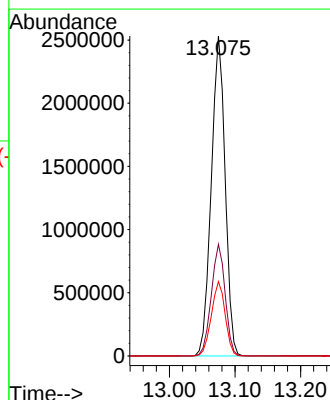
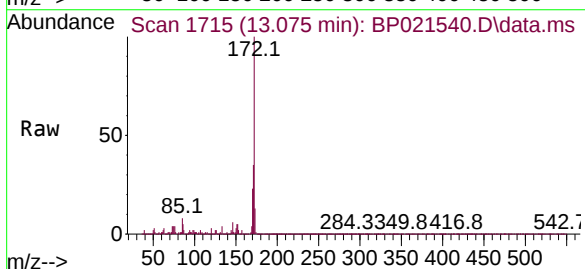
Tgt Ion:172 Resp: 3718495

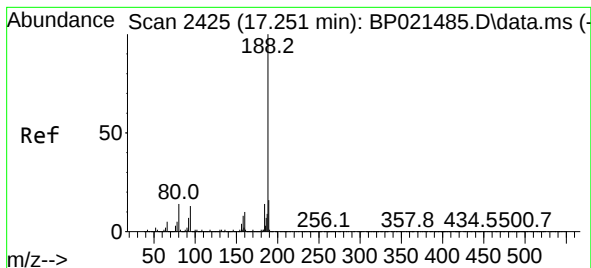
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.269 min Scan# 24

Delta R.T. 0.017 min

Lab File: BP021540.D

Acq: 16 Aug 2024 15:12

Instrument :

BNA_P

ClientSampleId :

OU4-TS-03-080724RE

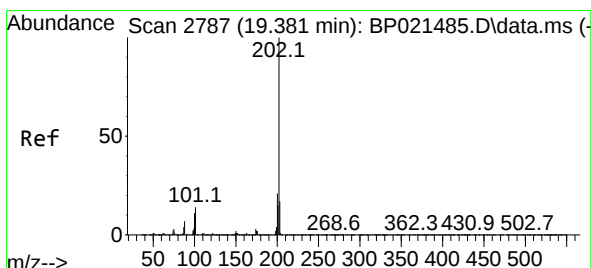
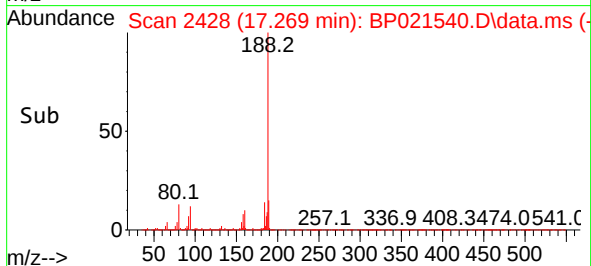
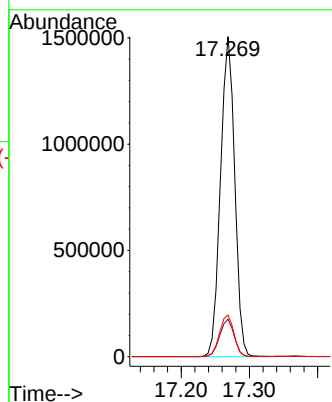
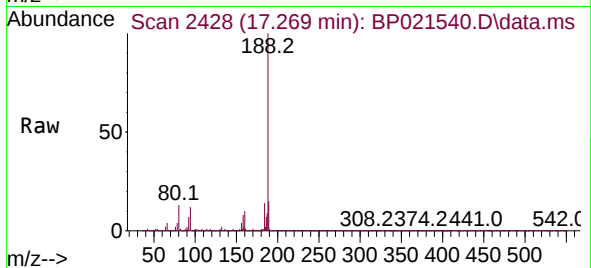
Tgt Ion:188 Resp: 2187436

Ion Ratio Lower Upper

188 100

94 11.7 10.2 15.4

80 13.0 11.6 17.4



#75

Fluoranthene

Concen: 2.996 ng

RT: 19.398 min Scan# 2790

Delta R.T. 0.017 min

Lab File: BP021540.D

Acq: 16 Aug 2024 15:12

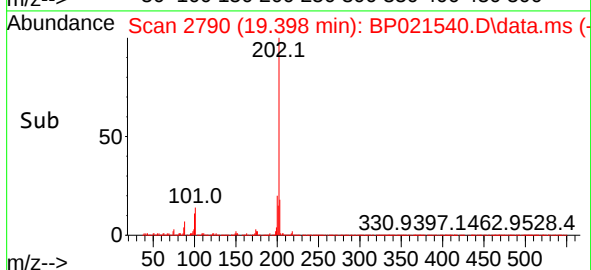
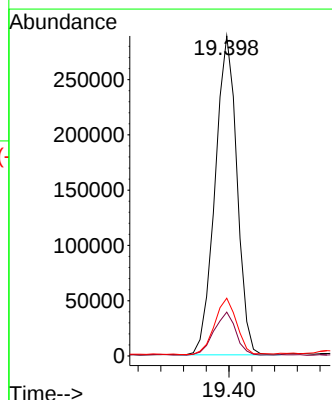
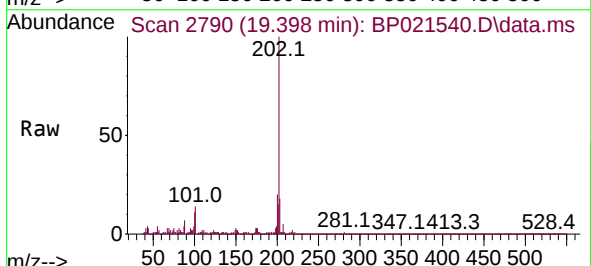
Tgt Ion:202 Resp: 386670

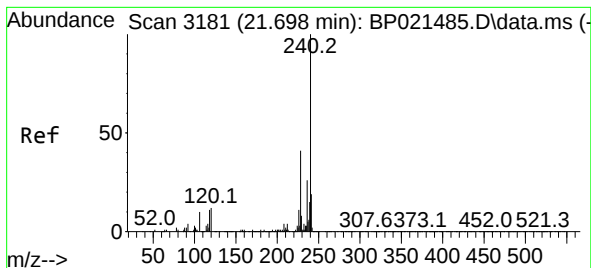
Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.0

203 18.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.715 min Scan# 3181

Delta R.T. 0.017 min

Lab File: BP021540.D

Acq: 16 Aug 2024 15:12

Instrument :

BNA_P

ClientSampleId :

OU4-TS-03-080724RE

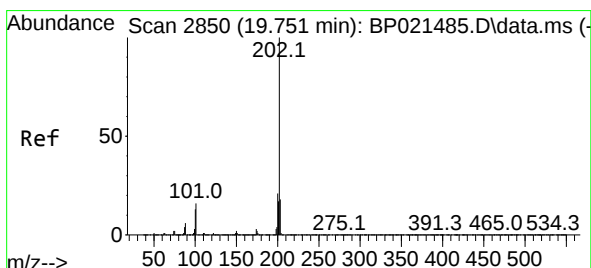
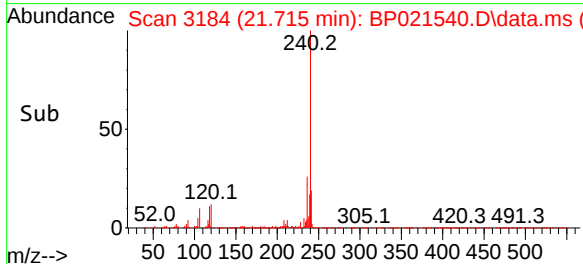
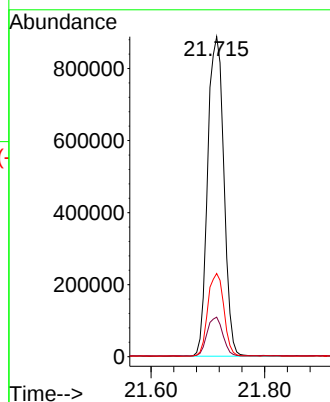
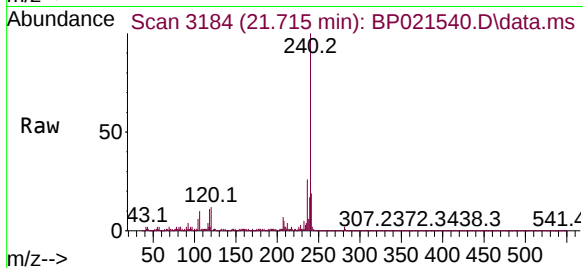
Tgt Ion:240 Resp: 1743108

Ion Ratio Lower Upper

240 100

120 12.4 9.9 14.9

236 26.0 20.6 30.8



#78

Pyrene

Concen: 3.133 ng

RT: 19.768 min Scan# 2853

Delta R.T. 0.017 min

Lab File: BP021540.D

Acq: 16 Aug 2024 15:12

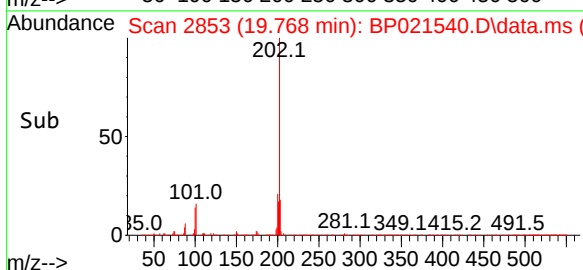
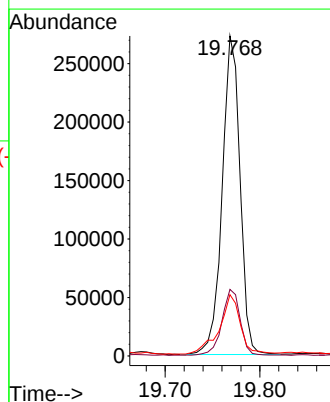
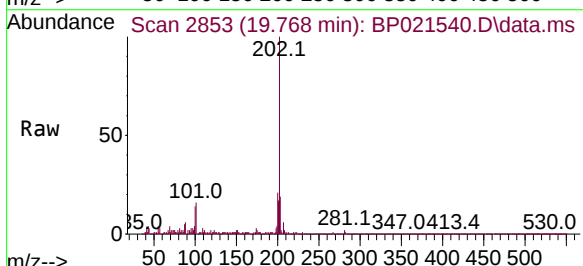
Tgt Ion:202 Resp: 356920

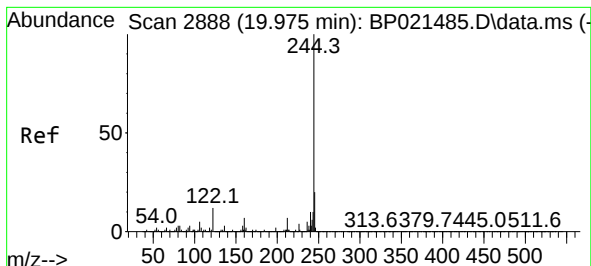
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 19.2 14.1 21.1





#79

Terphenyl-d14

Concen: 37.624 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP021540.D

Acq: 16 Aug 2024 15:12

Instrument :

BNA_P

ClientSampleId :

OU4-TS-03-080724RE

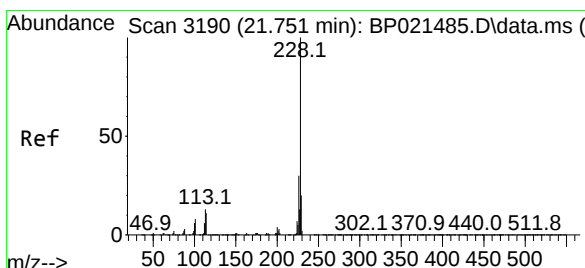
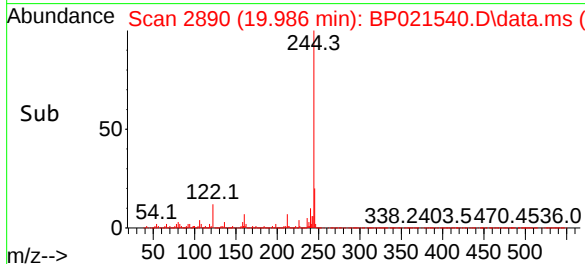
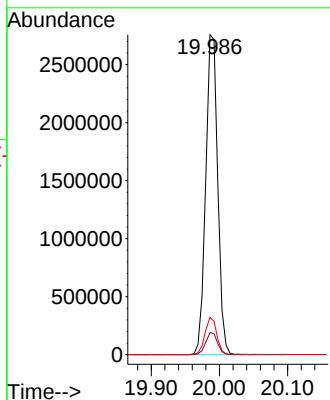
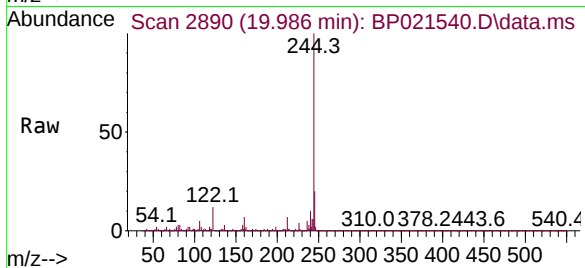
Tgt Ion:244 Resp: 3375764

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.6 9.4 14.2



#83

Chrysene

Concen: 2.282 ng

RT: 21.768 min Scan# 3193

Delta R.T. 0.017 min

Lab File: BP021540.D

Acq: 16 Aug 2024 15:12

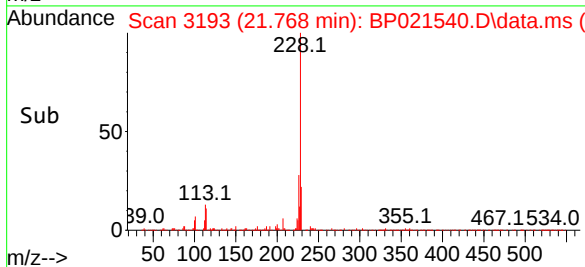
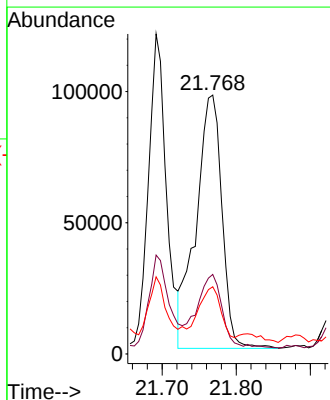
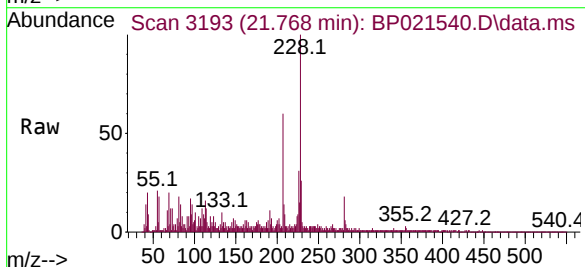
Tgt Ion:228 Resp: 235780

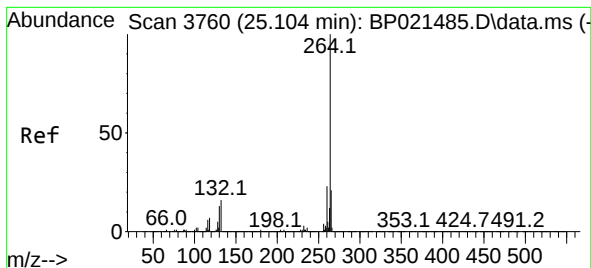
Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

229 26.0 15.8 23.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.133 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP021540.D

Acq: 16 Aug 2024 15:12

Instrument :

BNA_P

ClientSampleId :

OU4-TS-03-080724RE

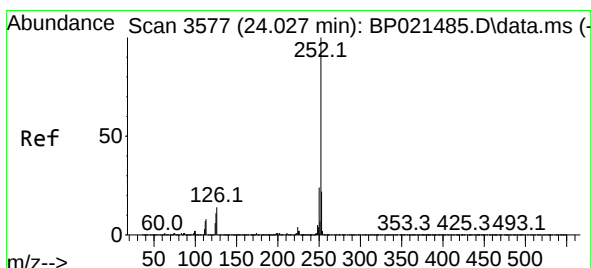
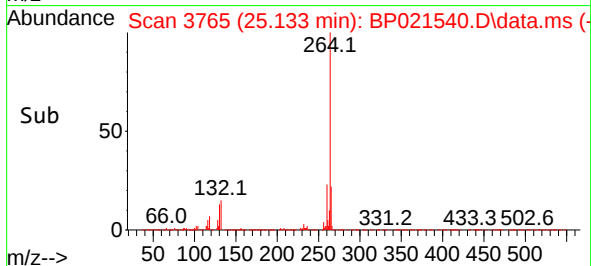
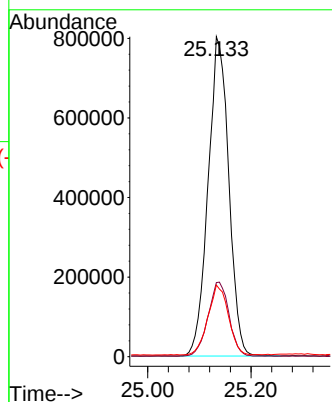
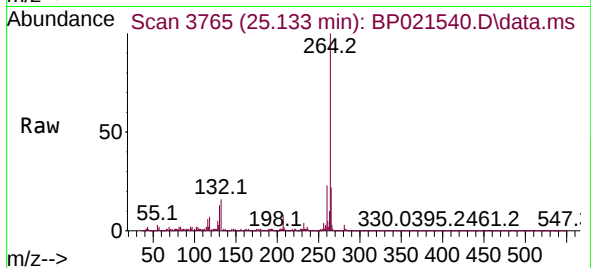
Tgt Ion:264 Resp: 2225455

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 22.4 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 2.986 ng

RT: 24.051 min Scan# 3581

Delta R.T. 0.023 min

Lab File: BP021540.D

Acq: 16 Aug 2024 15:12

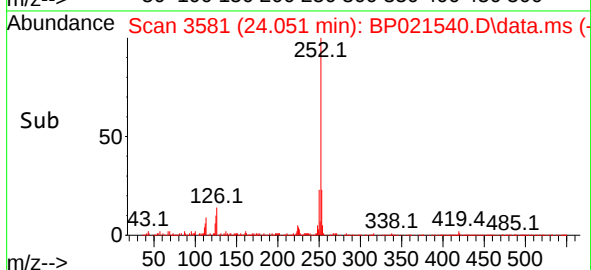
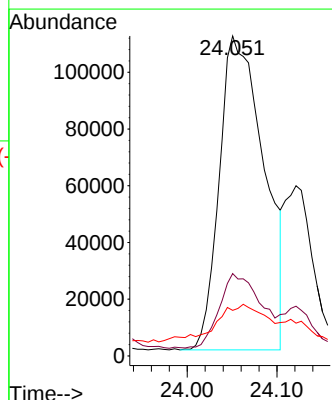
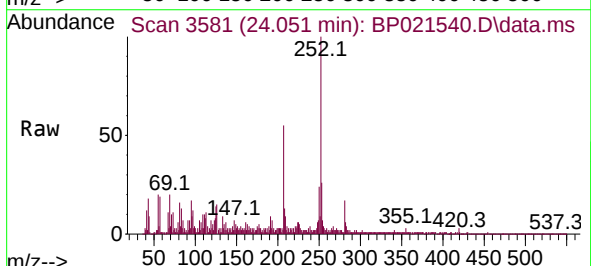
Tgt Ion:252 Resp: 381660

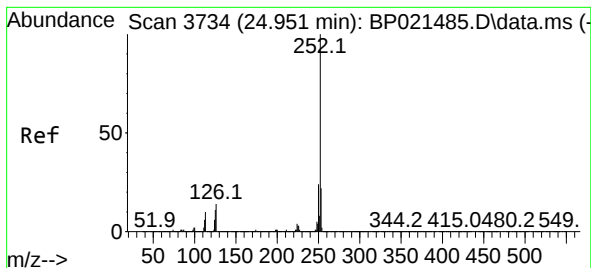
Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

125 14.3 8.6 13.0#





#90

Benzo(a)pyrene

Concen: 2.627 ng

RT: 24.974 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP021540.D

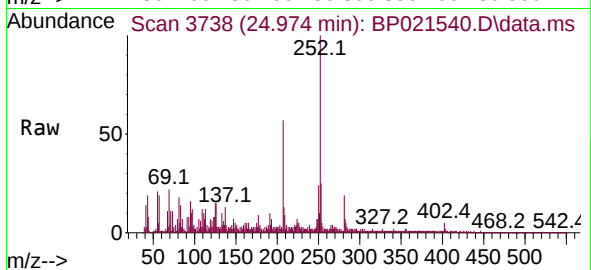
Acq: 16 Aug 2024 15:12

Instrument :

BNA_P

ClientSampleId :

OU4-TS-03-080724RE



Tgt Ion:252 Resp: 291358

Ion Ratio Lower Upper

252 100

253 25.2 17.7 26.5

125 15.1 8.7 13.1#

