

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021563.D
 Acq On : 19 Aug 2024 21:47
 Operator : RC/JU
 Sample : P3518-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-10-080724

Quant Time: Aug 20 00:09:50 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)

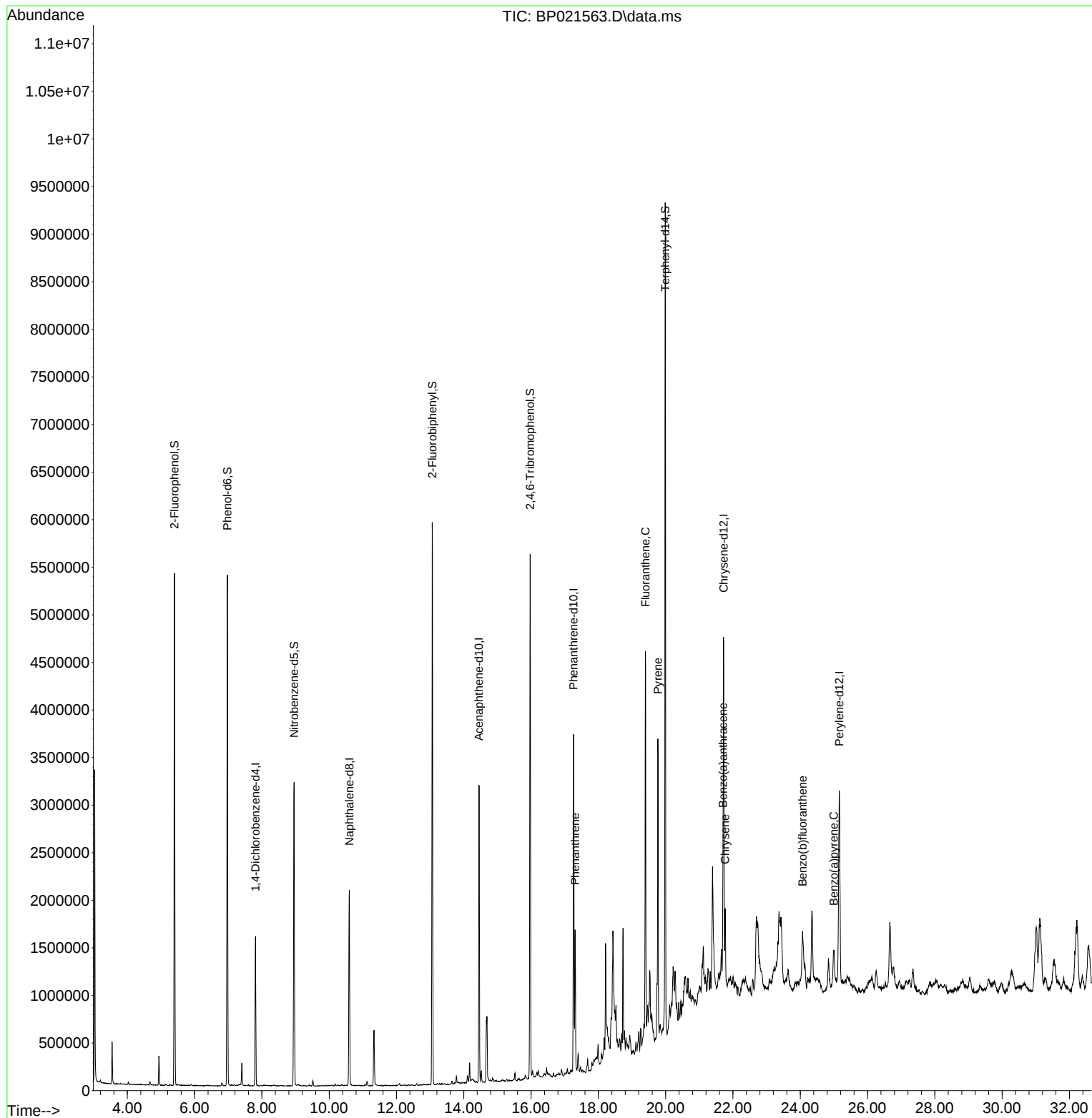
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	410606	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1711864	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1080200	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2202973	20.000	ng	0.01
76) Chrysene-d12	21.721	240	1891065	20.000	ng	0.02
86) Perylene-d12	25.162	264	2235797	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	2479357	89.660	ng	0.01
7) Phenol-d6	6.975	99	3537106	87.684	ng	0.01
23) Nitrobenzene-d5	8.957	82	2101136	63.352	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1191238	99.087	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3105058	43.870	ng	0.00
79) Terphenyl-d14	19.992	244	4586986	47.123	ng	0.02
Target Compounds						
						Qvalue
71) Phenanthrene	17.310	178	946934	8.938	ng	99
75) Fluoranthene	19.398	202	2485075	19.117	ng	99
78) Pyrene	19.768	202	1752387	14.177	ng	100
81) Benzo(a)anthracene	21.704	228	412396	3.474	ng	96
83) Chrysene	21.768	228	643337	5.740	ng	97
88) Benzo(b)fluoranthene	24.068	252	682191	5.313	ng	95
90) Benzo(a)pyrene	24.998	252	326840	2.933	ng	# 94

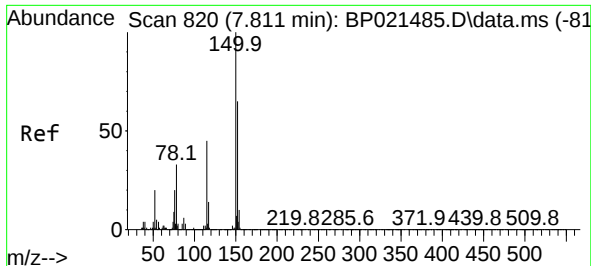
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
Data File : BP021563.D
Acq On : 19 Aug 2024 21:47
Operator : RC/JU
Sample : P3518-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-10-080724

Quant Time: Aug 20 00:09:50 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

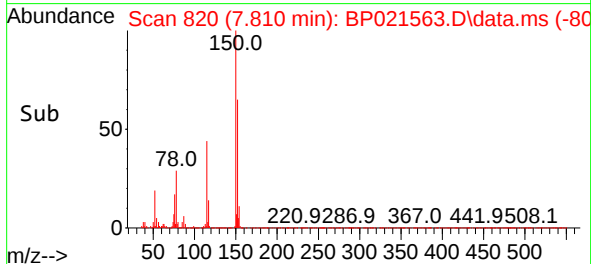
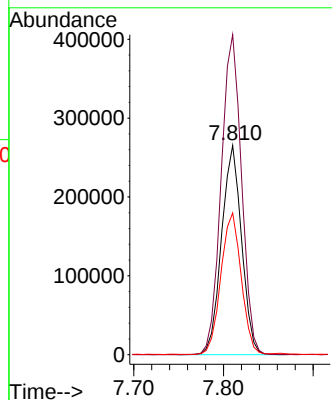
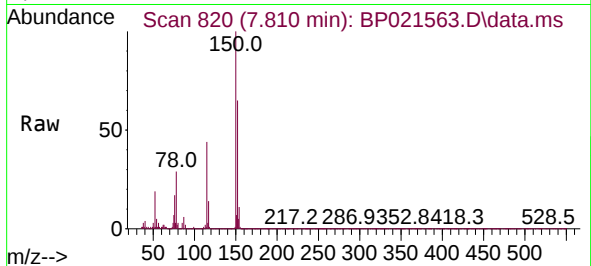




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP021563.D
Acq: 19 Aug 2024 21:47

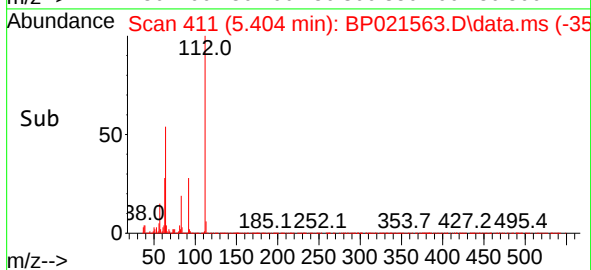
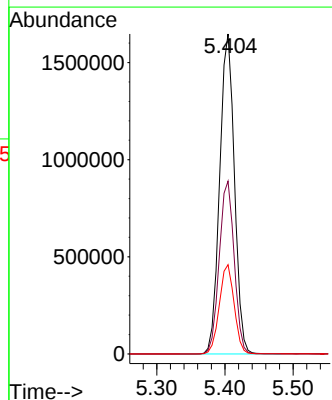
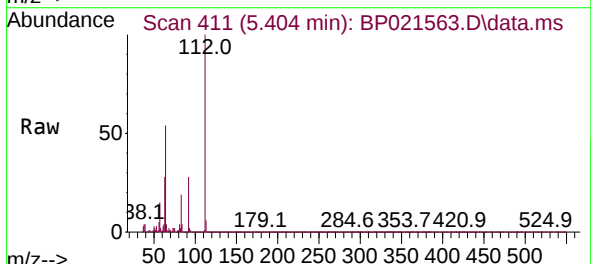
Instrument :
BNA_P
ClientSampleId :
OU4-TS-10-080724

Tgt Ion:152 Resp: 410606
Ion Ratio Lower Upper
152 100
150 152.9 122.4 183.6
115 67.7 54.7 82.1



#5
2-Fluorophenol
Concen: 89.660 ng
RT: 5.404 min Scan# 411
Delta R.T. 0.011 min
Lab File: BP021563.D
Acq: 19 Aug 2024 21:47

Tgt Ion:112 Resp: 2479357
Ion Ratio Lower Upper
112 100
64 54.0 49.0 73.6
63 27.9 24.6 36.8

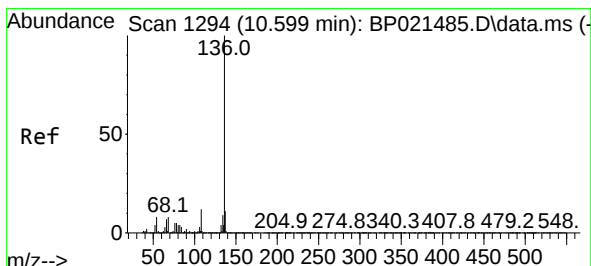
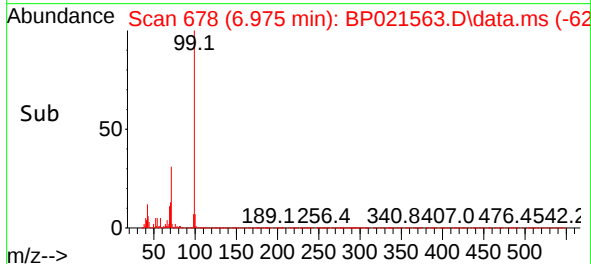
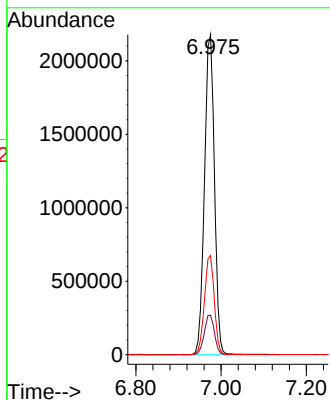
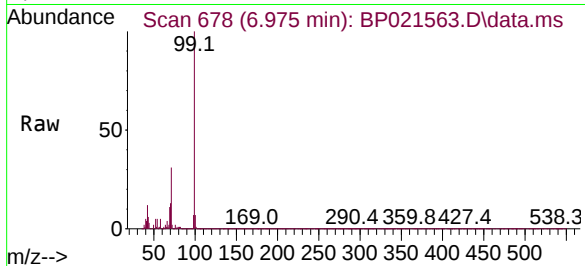




#7
Phenol-d6
Concen: 87.684 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.011 min
Lab File: BP021563.D
Acq: 19 Aug 2024 21:47

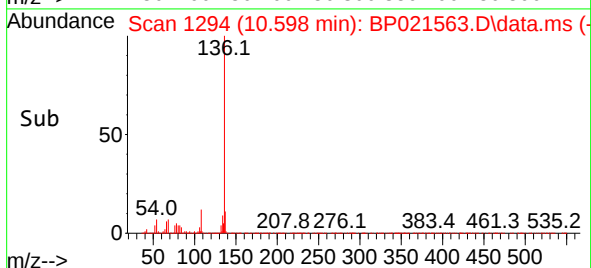
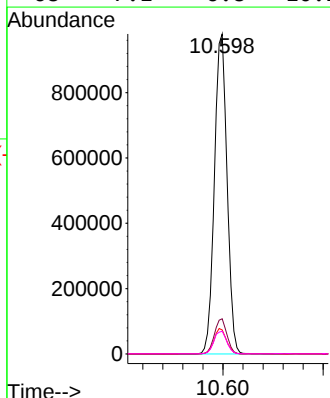
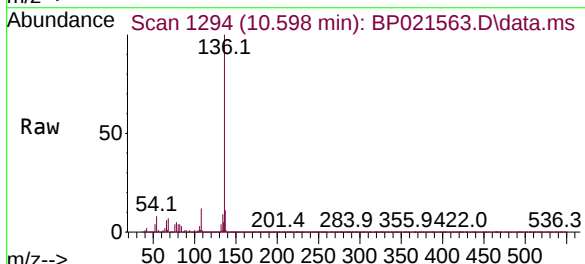
Instrument :
BNA_P
ClientSampleId :
OU4-TS-10-080724

Tgt Ion: 99 Resp: 3537106
Ion Ratio Lower Upper
99 100
42 12.3 10.2 15.4
71 31.0 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.001 min
Lab File: BP021563.D
Acq: 19 Aug 2024 21:47

Tgt Ion: 136 Resp: 1711864
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 6.3 9.5
68 7.1 6.8 10.2

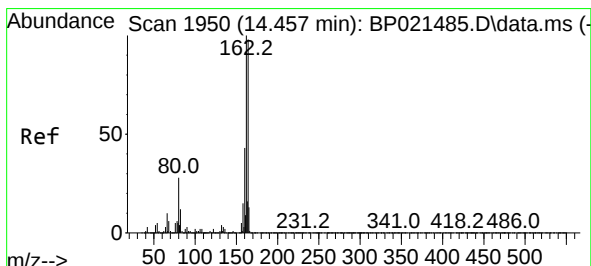
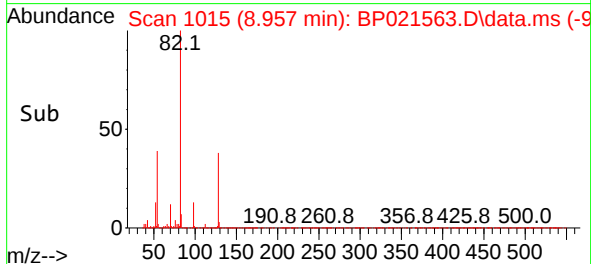
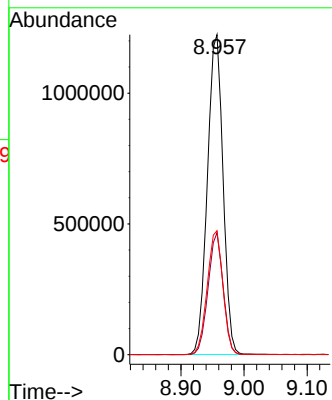
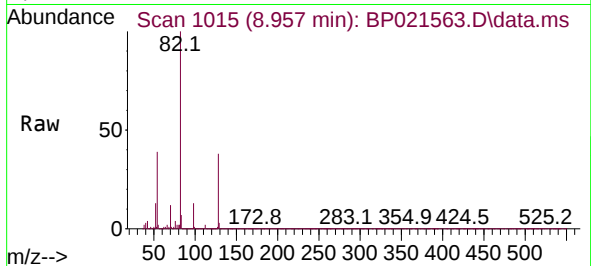




#23
Nitrobenzene-d5
Concen: 63.352 ng
RT: 8.957 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP021563.D
Acq: 19 Aug 2024 21:47

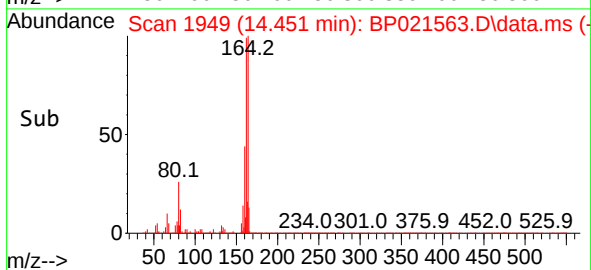
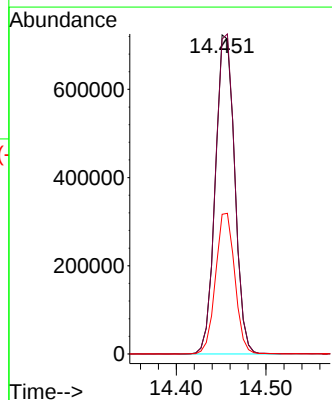
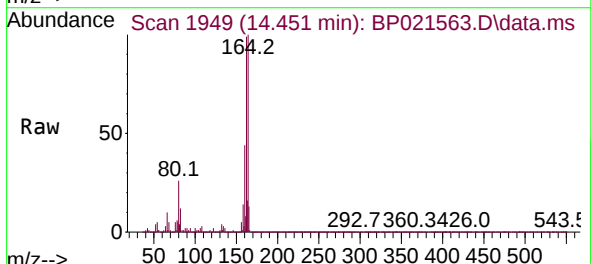
Instrument :
BNA_P
ClientSampleId :
OU4-TS-10-080724

Tgt Ion: 82 Resp: 2101136
Ion Ratio Lower Upper
82 100
128 38.1 26.5 39.7
54 38.8 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021563.D
Acq: 19 Aug 2024 21:47

Tgt Ion:164 Resp: 1080200
Ion Ratio Lower Upper
164 100
162 98.7 81.5 122.3
160 43.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 99.087 ng

RT: 15.975 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021563.D

Acq: 19 Aug 2024 21:47

Instrument :

BNA_P

ClientSampleId :

OU4-TS-10-080724

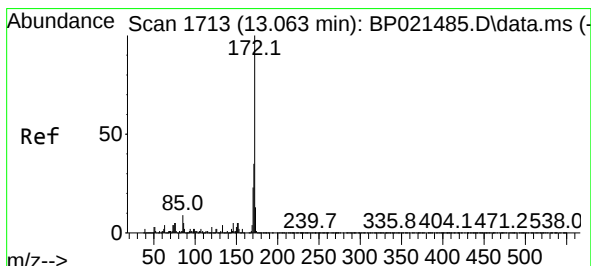
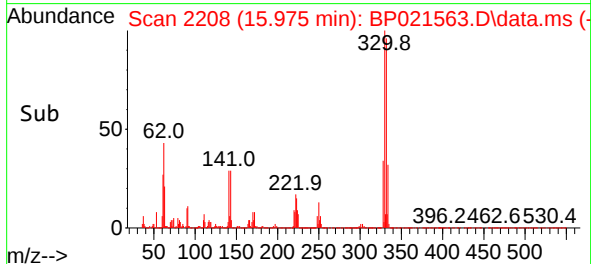
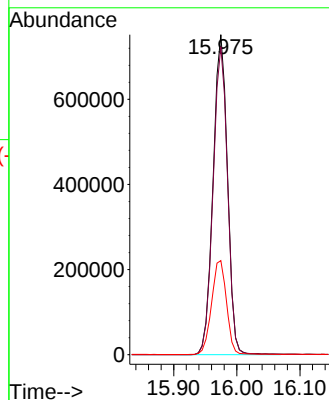
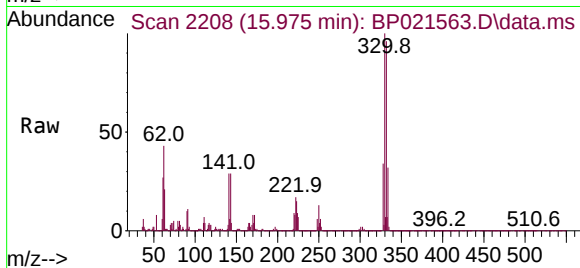
Tgt Ion:330 Resp: 1191238

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 30.4 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 43.870 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021563.D

Acq: 19 Aug 2024 21:47

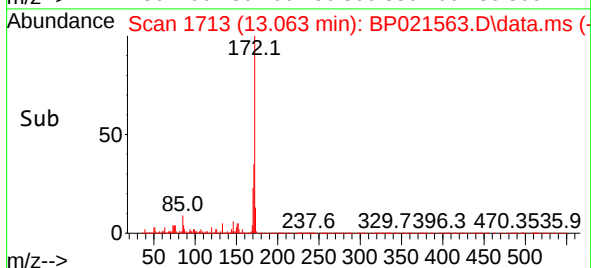
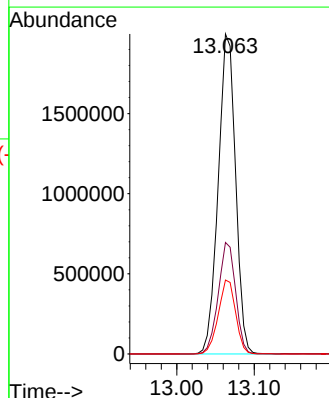
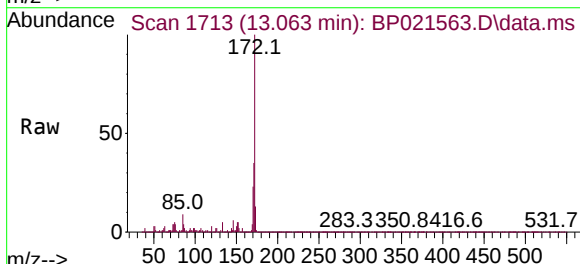
Tgt Ion:172 Resp: 3105058

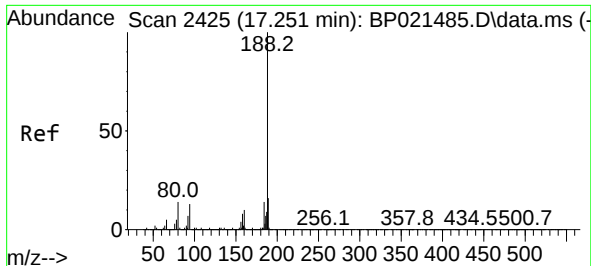
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.1 18.4 27.6



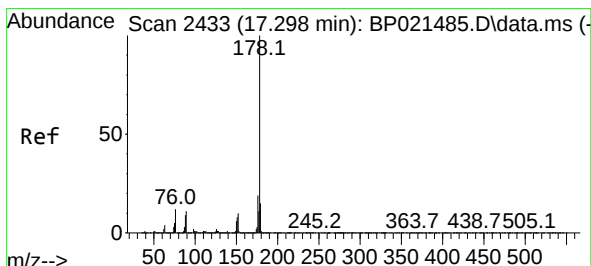
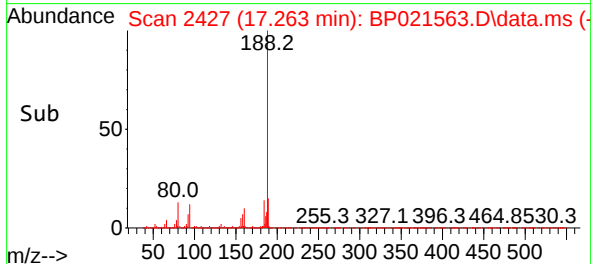
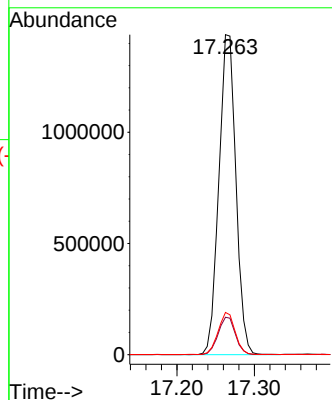
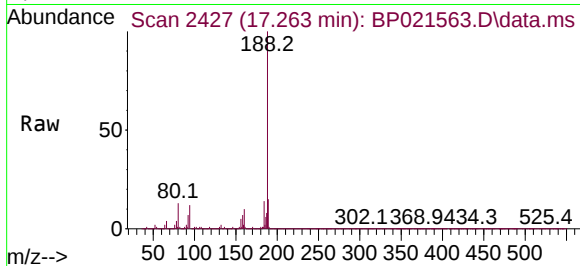


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2425
Delta R.T. 0.011 min
Lab File: BP021563.D
Acq: 19 Aug 2024 21:47

Instrument :
BNA_P
ClientSampleId :
OU4-TS-10-080724

Tgt Ion:188 Resp: 2202973

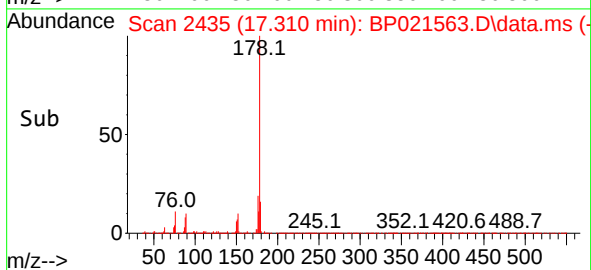
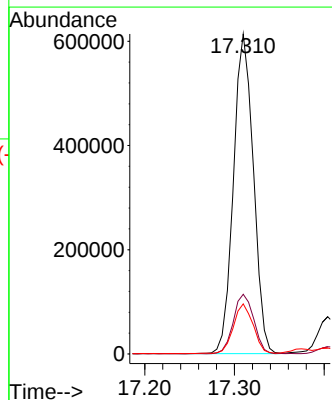
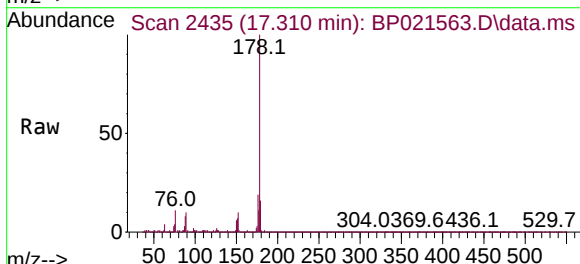
Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.2	15.4
80	13.2	11.6	17.4

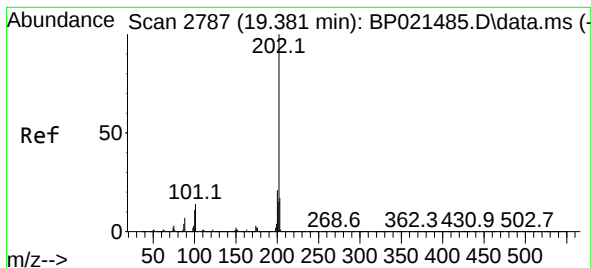


#71
Phenanthrene
Concen: 8.938 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.011 min
Lab File: BP021563.D
Acq: 19 Aug 2024 21:47

Tgt Ion:178 Resp: 946934

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.6	12.4	18.6





#75

Fluoranthene

Concen: 19.117 ng

RT: 19.398 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP021563.D

Acq: 19 Aug 2024 21:47

Instrument :

BNA_P

ClientSampleId :

OU4-TS-10-080724

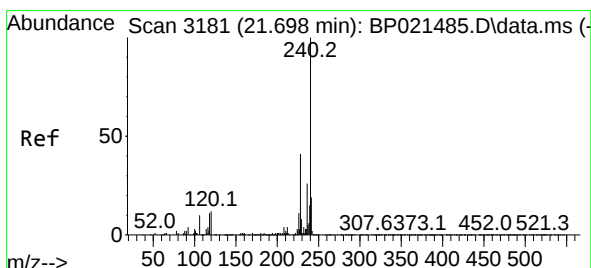
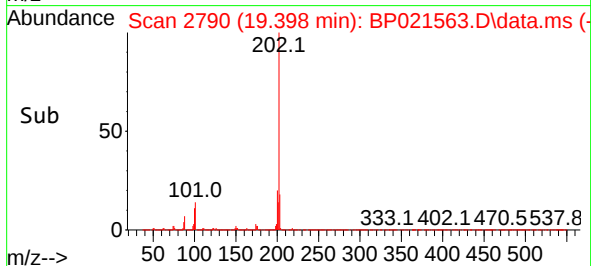
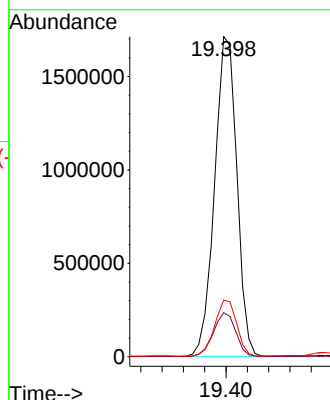
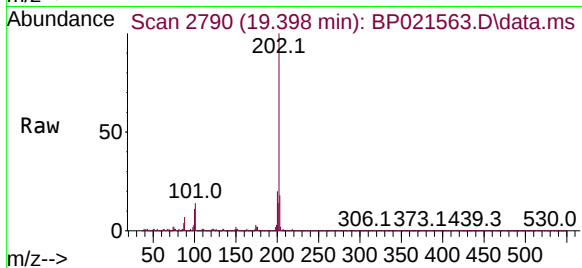
Tgt Ion:202 Resp: 2485075

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.0

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.721 min Scan# 3185

Delta R.T. 0.023 min

Lab File: BP021563.D

Acq: 19 Aug 2024 21:47

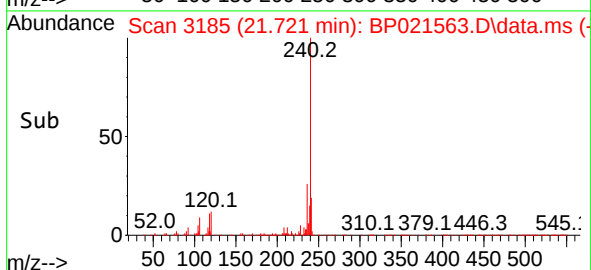
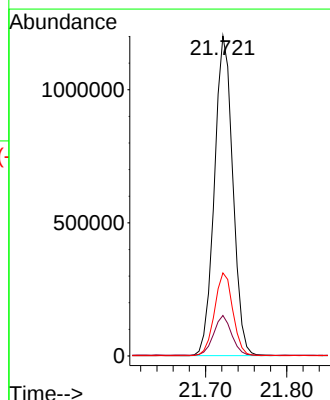
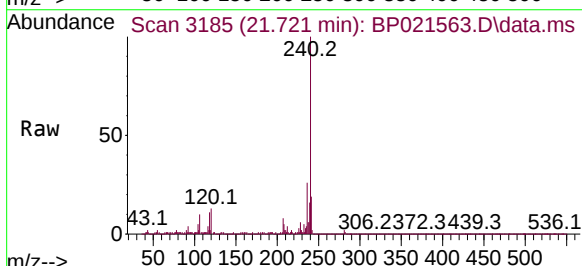
Tgt Ion:240 Resp: 1891065

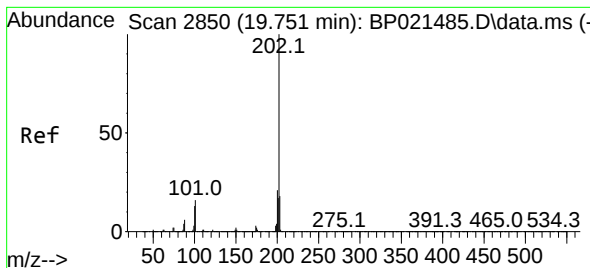
Ion Ratio Lower Upper

240 100

120 12.7 9.9 14.9

236 26.0 20.6 30.8





#78

Pyrene

Concen: 14.177 ng

RT: 19.768 min Scan# 2853

Delta R.T. 0.017 min

Lab File: BP021563.D

Acq: 19 Aug 2024 21:47

Instrument :

BNA_P

ClientSampleId :

OU4-TS-10-080724

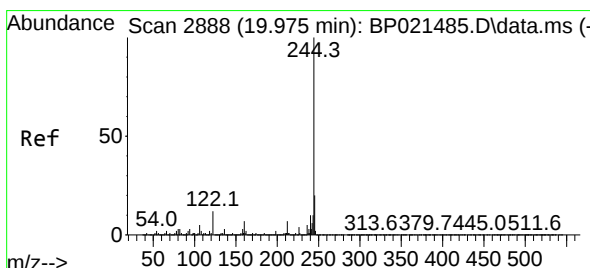
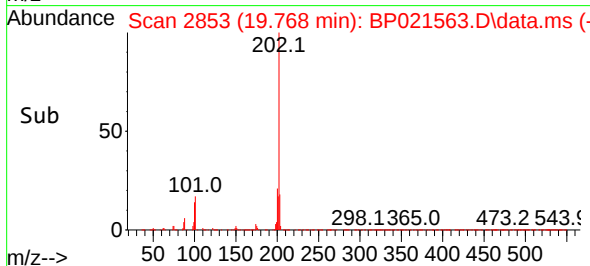
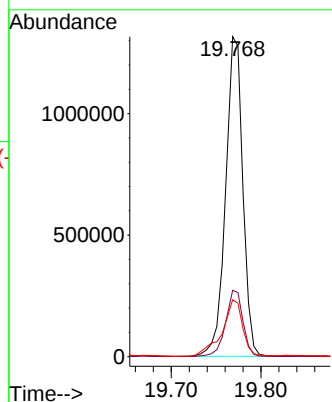
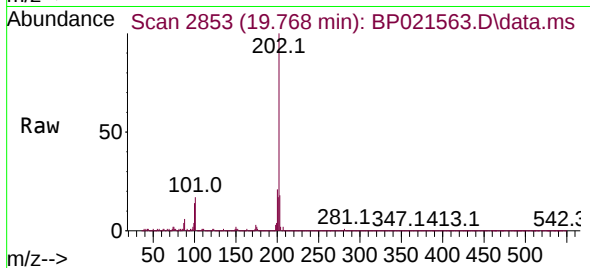
Tgt Ion:202 Resp: 1752387

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

203 17.8 14.1 21.1



#79

Terphenyl-d14

Concen: 47.123 ng

RT: 19.992 min Scan# 2891

Delta R.T. 0.017 min

Lab File: BP021563.D

Acq: 19 Aug 2024 21:47

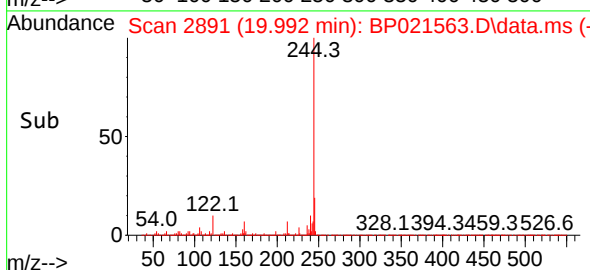
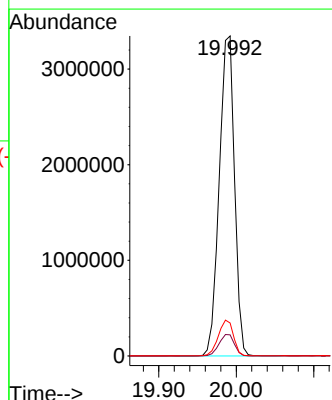
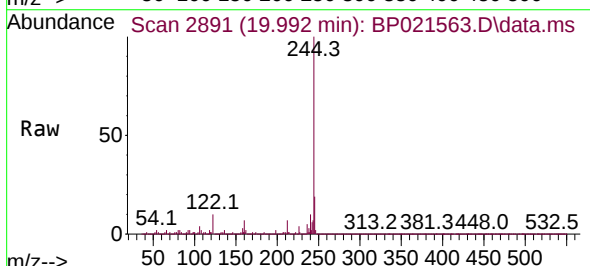
Tgt Ion:244 Resp: 4586986

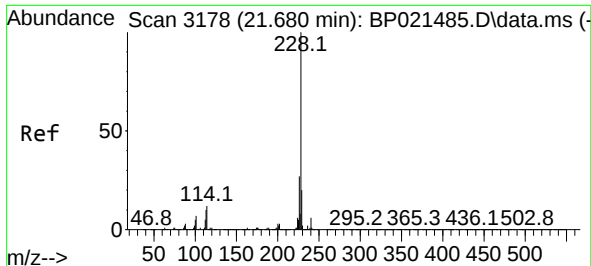
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.3 9.4 14.2

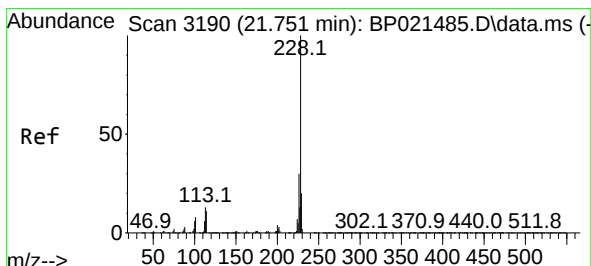
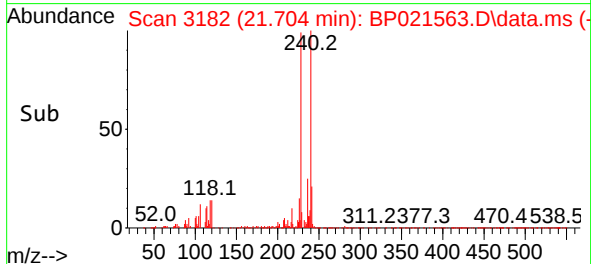
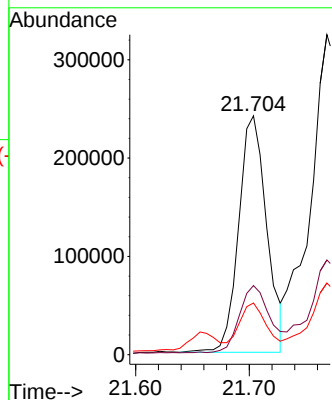
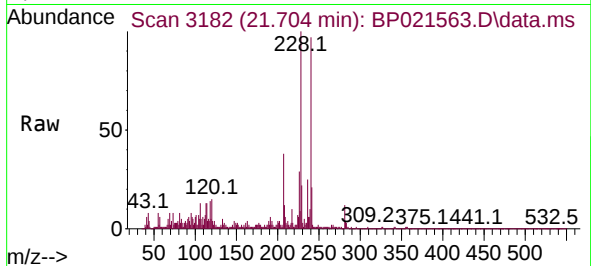




#81
Benzo(a)anthracene
Concen: 3.474 ng
RT: 21.704 min Scan# 3182
Delta R.T. 0.023 min
Lab File: BP021563.D
Acq: 19 Aug 2024 21:47

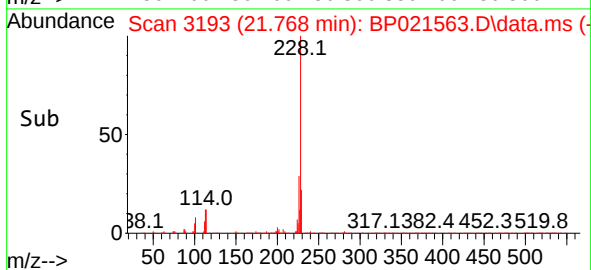
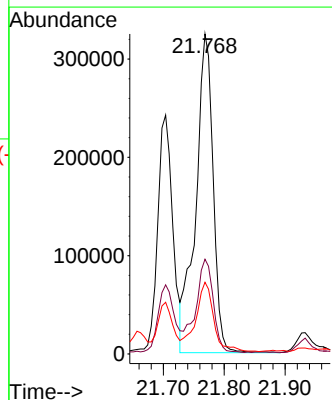
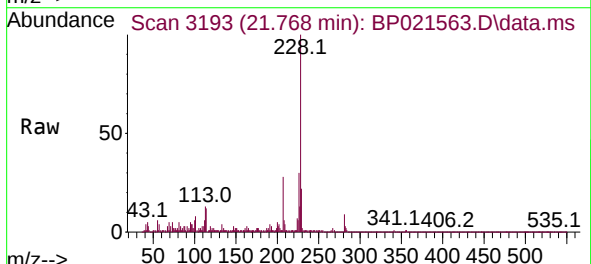
Instrument :
BNA_P
ClientSampleId :
OU4-TS-10-080724

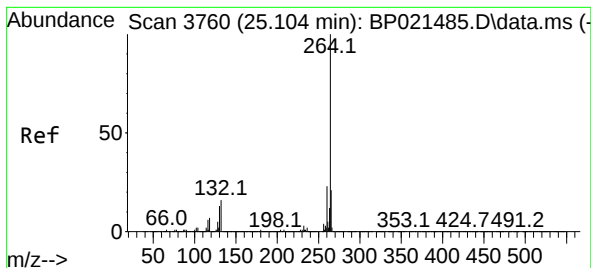
Tgt Ion:228 Resp: 412396
Ion Ratio Lower Upper
228 100
226 28.9 21.4 32.2
229 21.6 15.8 23.6



#83
Chrysene
Concen: 5.740 ng
RT: 21.768 min Scan# 3193
Delta R.T. 0.017 min
Lab File: BP021563.D
Acq: 19 Aug 2024 21:47

Tgt Ion:228 Resp: 643337
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 22.4 15.8 23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.162 min Scan# 31

Delta R.T. 0.058 min

Lab File: BP021563.D

Acq: 19 Aug 2024 21:47

Instrument :

BNA_P

ClientSampleId :

OU4-TS-10-080724

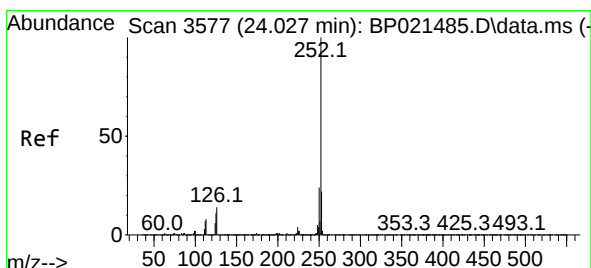
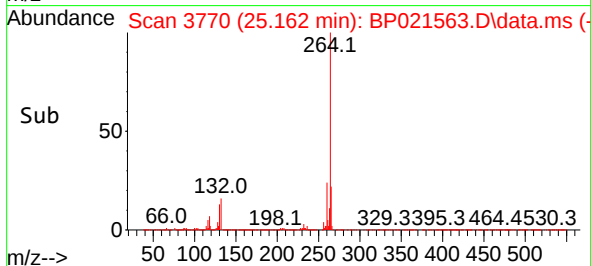
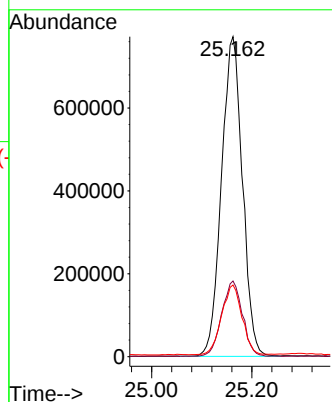
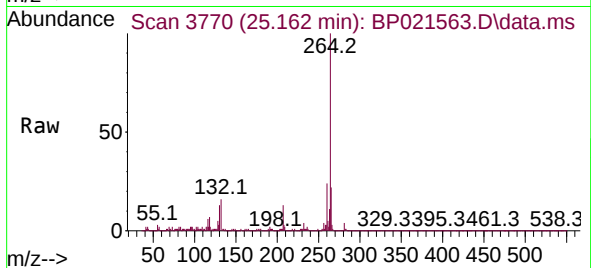
Tgt Ion:264 Resp: 2235797

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.4 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 5.313 ng

RT: 24.068 min Scan# 3584

Delta R.T. 0.041 min

Lab File: BP021563.D

Acq: 19 Aug 2024 21:47

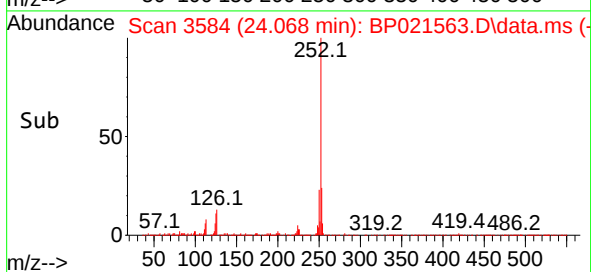
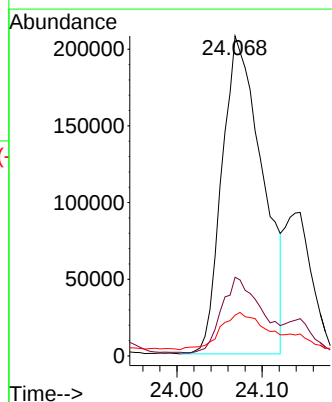
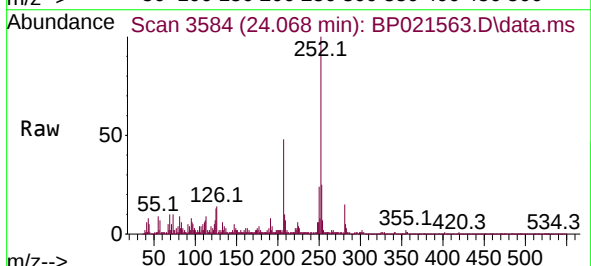
Tgt Ion:252 Resp: 682191

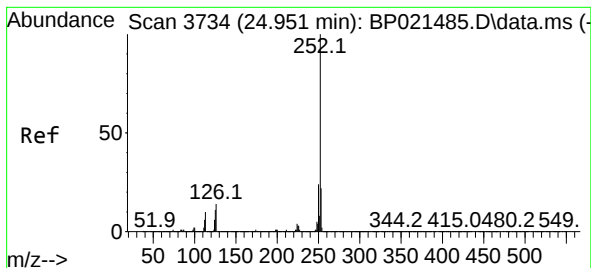
Ion Ratio Lower Upper

252 100

253 24.6 17.6 26.4

125 12.8 8.6 13.0





#90

Benzo(a)pyrene

Concen: 2.933 ng

RT: 24.998 min Scan# 31

Delta R.T. 0.047 min

Lab File: BP021563.D

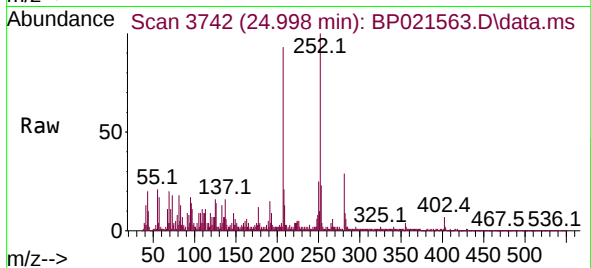
Acq: 19 Aug 2024 21:47

Instrument :

BNA_P

ClientSampleId :

OU4-TS-10-080724



Tgt Ion:252 Resp: 326840

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 16.1 8.7 13.1#

