

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021618.D
 Acq On : 22 Aug 2024 17:58
 Operator : RC/JU
 Sample : P3518-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-11-080724

Quant Time: Aug 22 18:24:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 11:12:31 2024
 Response via : Initial Calibration

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

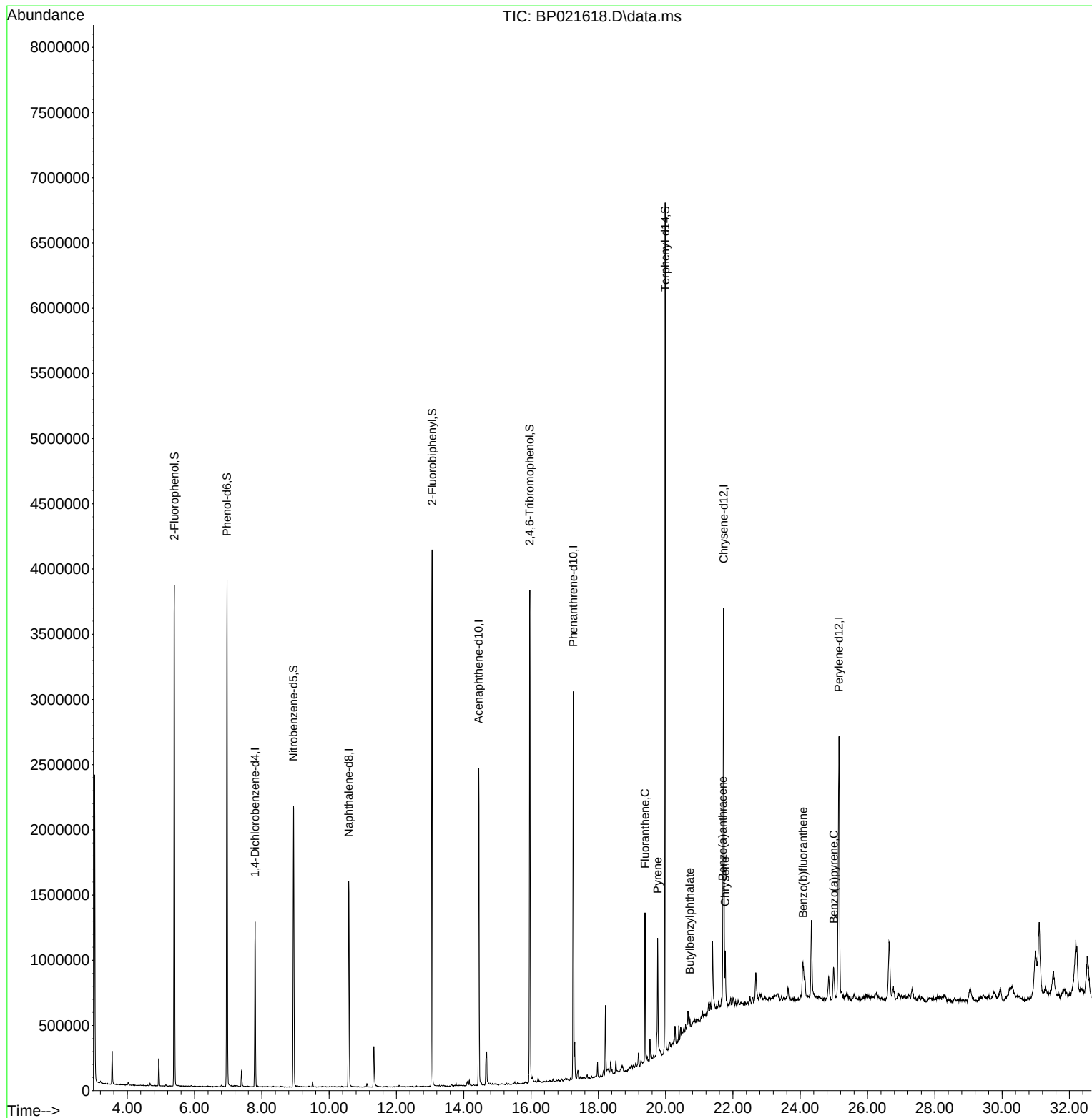
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	323428	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1327553	20.000	ng	0.00
39) Acenaphthene-d10	14.446	164	839544	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1825698	20.000	ng	0.00
76) Chrysene-d12	21.722	240	1754188	20.000	ng	0.00
86) Perylene-d12	25.151	264	2017977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1749374	80.314	ng	0.00
7) Phenol-d6	6.964	99	2480477	78.065	ng	0.00
23) Nitrobenzene-d5	8.940	82	1440145	55.993	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	808791	86.559	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2016268	36.653	ng	0.00
79) Terphenyl-d14	19.986	244	3221985	35.683	ng	0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.386	202	569743	5.289	ng	99
78) Pyrene	19.763	202	522258	4.555	ng	100
80) Butylbenzylphthalate	20.722	149	21651	4.063	ng	94
81) Benzo(a)anthracene	21.698	228	258861	2.351	ng	99
83) Chrysene	21.769	228	290233	2.792	ng	99
88) Benzo(b)fluoranthene	24.080	252	366703	3.164	ng	96
90) Benzo(a)pyrene	24.998	252	239692	2.383	ng	99

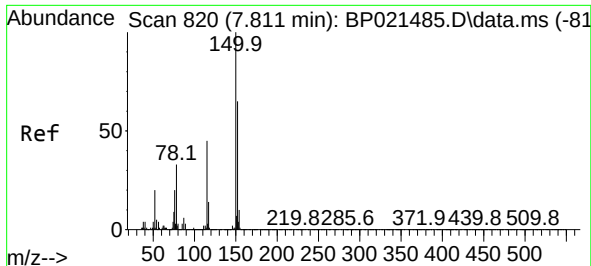
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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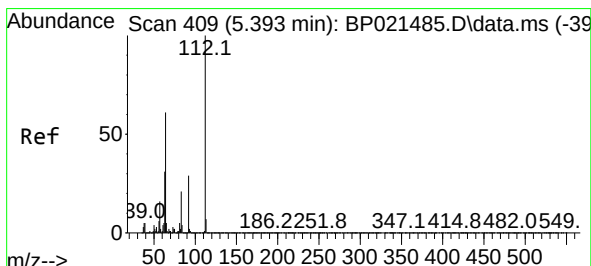
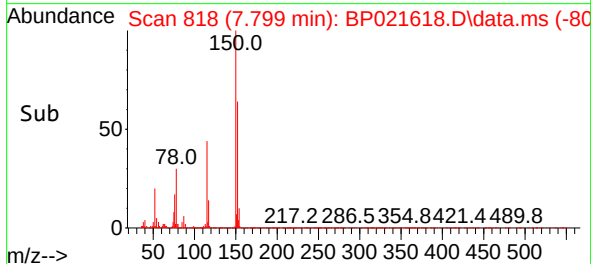
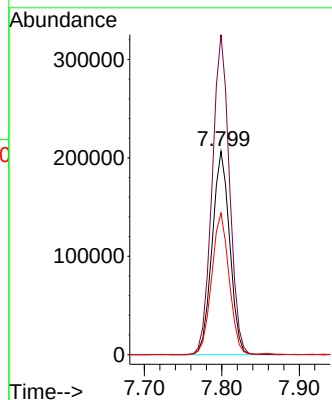
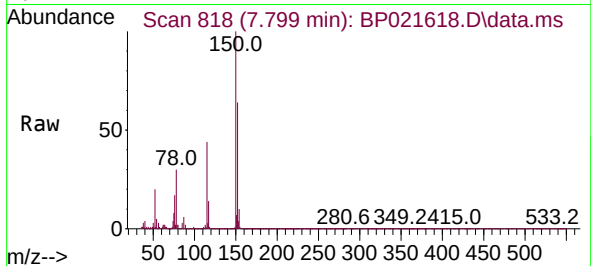




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021618.D
Acq: 22 Aug 2024 17:58

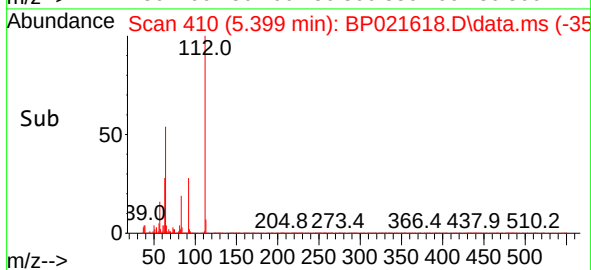
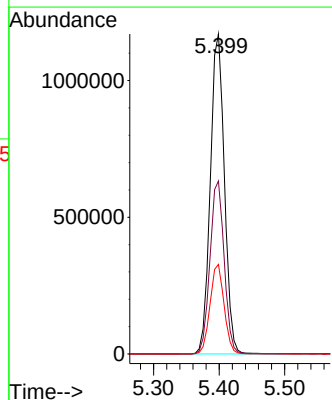
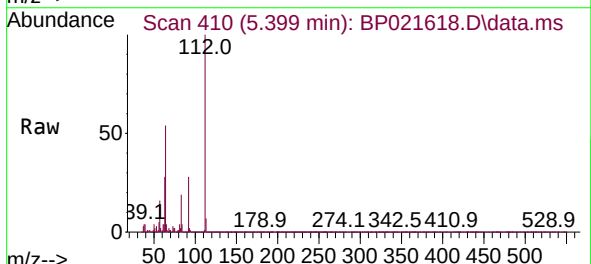
Instrument :
BNA_P
ClientSampleId :
OU4-TS-11-080724

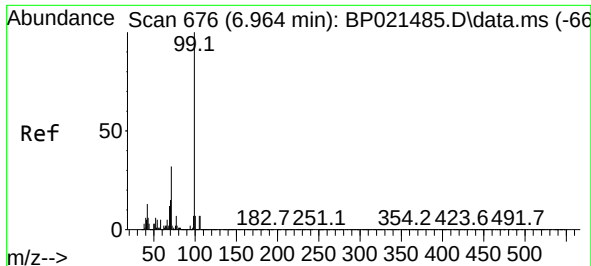
Tgt Ion:152 Resp: 323428
Ion Ratio Lower Upper
152 100
150 157.3 122.4 183.6
115 69.6 54.7 82.1



#5
2-Fluorophenol
Concen: 80.314 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP021618.D
Acq: 22 Aug 2024 17:58

Tgt Ion:112 Resp: 1749374
Ion Ratio Lower Upper
112 100
64 54.0 49.0 73.6
63 28.0 24.6 36.8



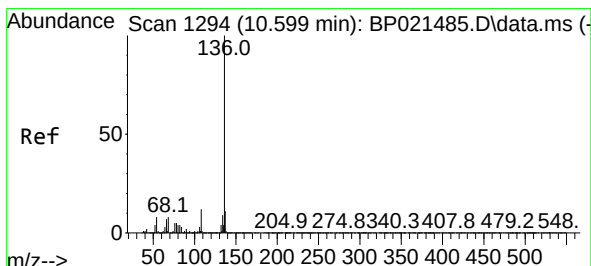
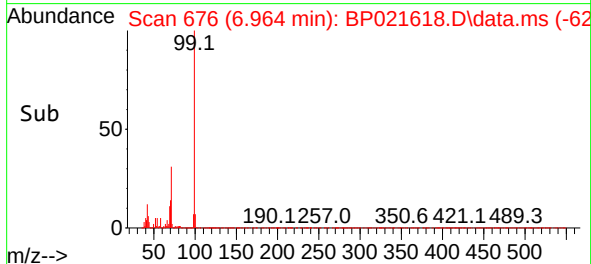
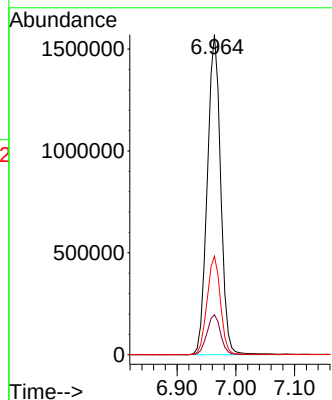
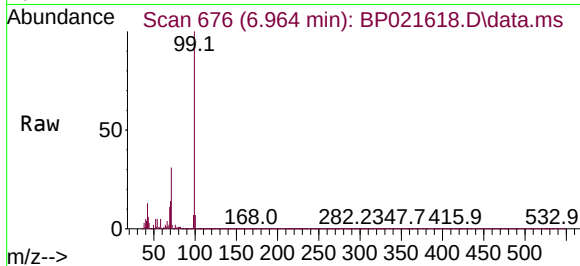


#7
Phenol-d6
Concen: 78.065 ng
RT: 6.964 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021618.D
Acq: 22 Aug 2024 17:58

Instrument :
BNA_P
ClientSampleId :
OU4-TS-11-080724

Tgt Ion: 99 Resp: 2480477

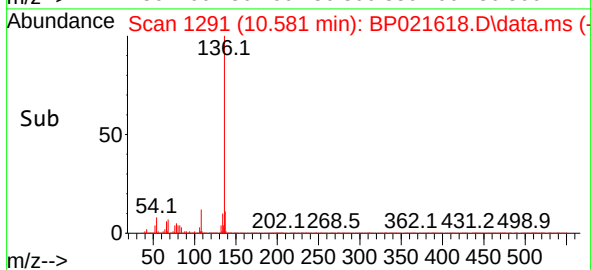
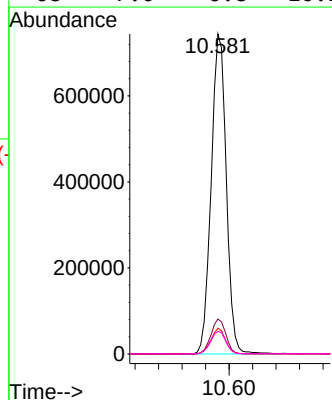
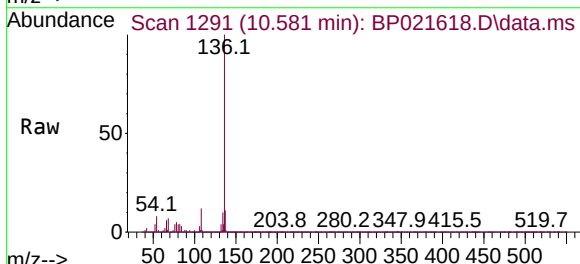
Ion	Ratio	Lower	Upper
99	100		
42	12.5	10.2	15.4
71	30.8	25.8	38.8

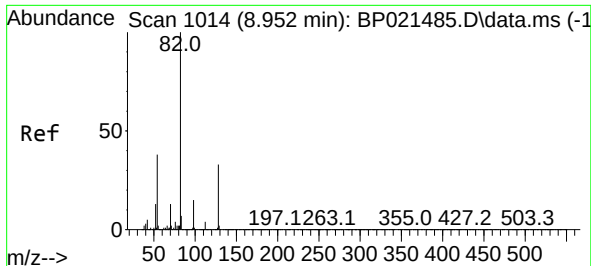


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP021618.D
Acq: 22 Aug 2024 17:58

Tgt Ion:136 Resp: 1327553

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.3	9.5
68	7.0	6.8	10.2

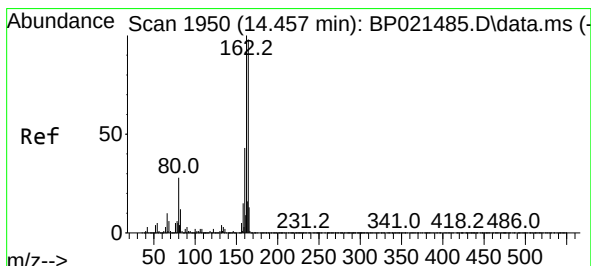
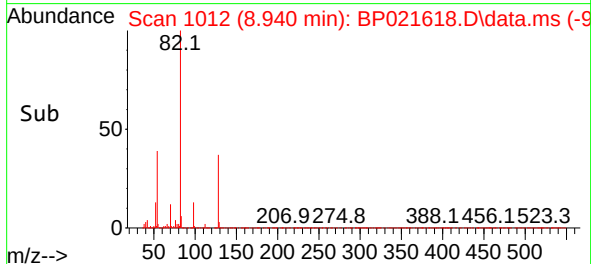
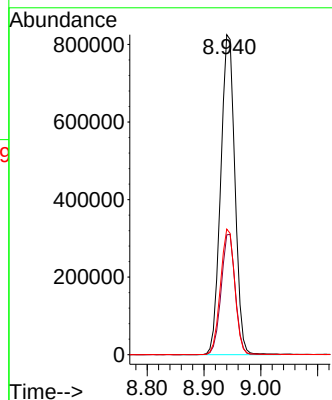
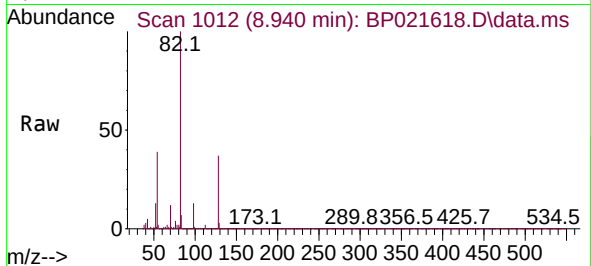




#23
Nitrobenzene-d5
Concen: 55.993 ng
RT: 8.940 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP021618.D
Acq: 22 Aug 2024 17:58

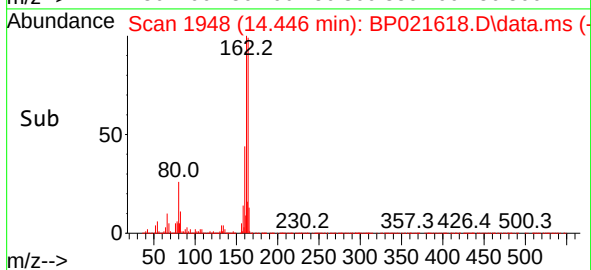
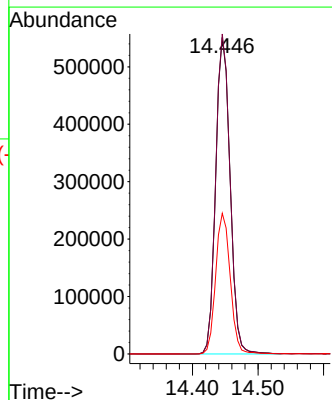
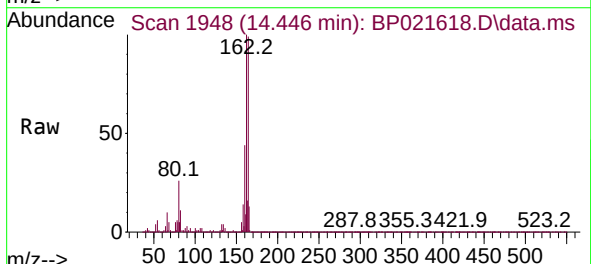
Instrument :
BNA_P
ClientSampleId :
OU4-TS-11-080724

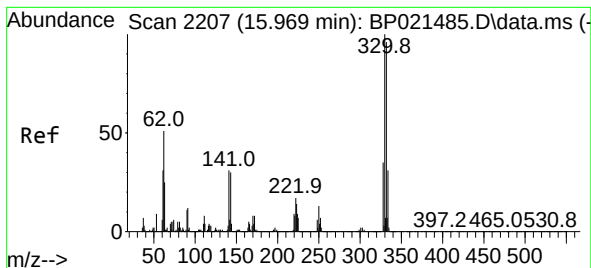
Tgt Ion: 82 Resp: 1440145
Ion Ratio Lower Upper
82 100
128 37.5 26.5 39.7
54 39.3 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP021618.D
Acq: 22 Aug 2024 17:58

Tgt Ion: 164 Resp: 839544
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 44.5 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 86.559 ng

RT: 15.963 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021618.D

Acq: 22 Aug 2024 17:58

Instrument :

BNA_P

ClientSampleId :

OU4-TS-11-080724

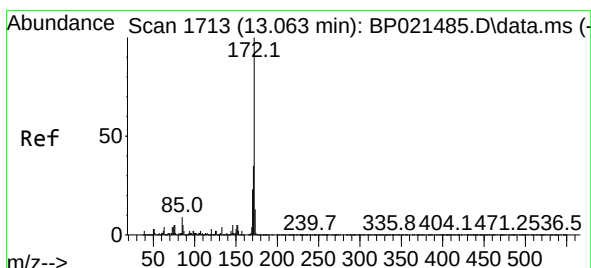
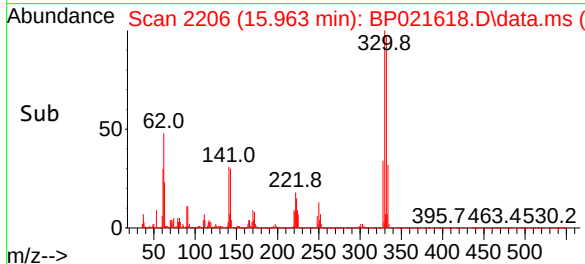
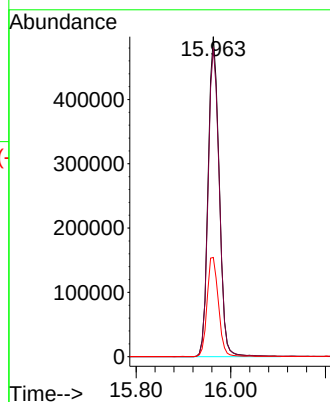
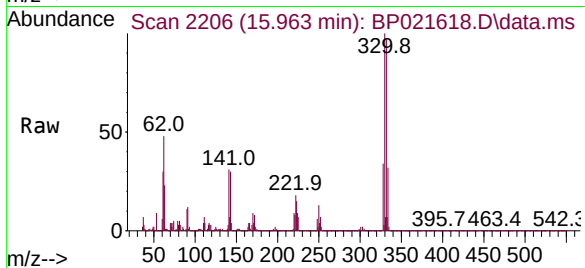
Tgt Ion:330 Resp: 808791

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

141 31.8 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 36.653 ng

RT: 13.057 min Scan# 1712

Delta R.T. 0.006 min

Lab File: BP021618.D

Acq: 22 Aug 2024 17:58

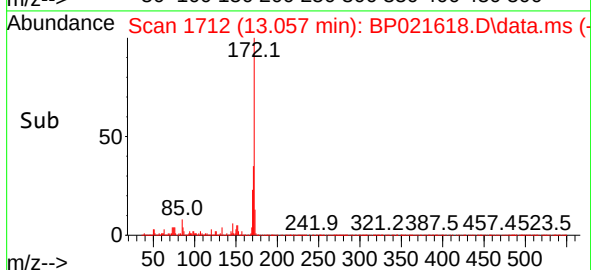
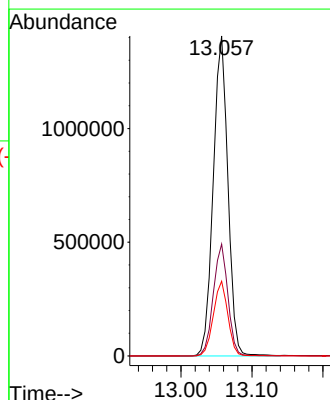
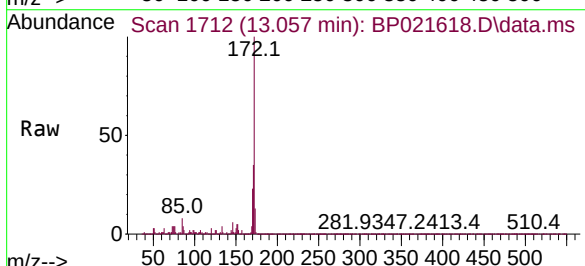
Tgt Ion:172 Resp: 2016268

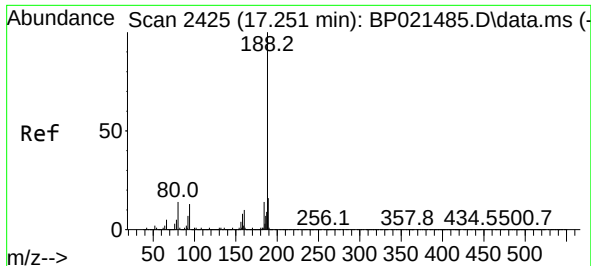
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.3 18.4 27.6

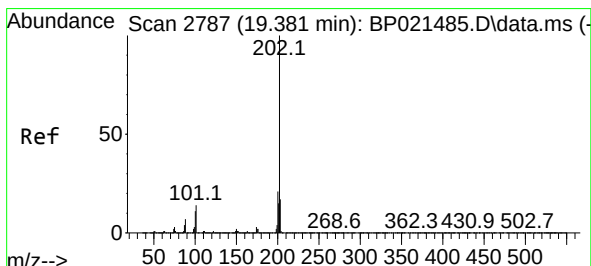
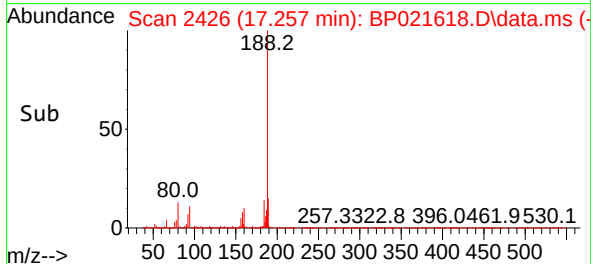
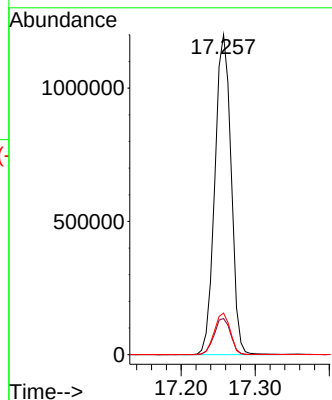
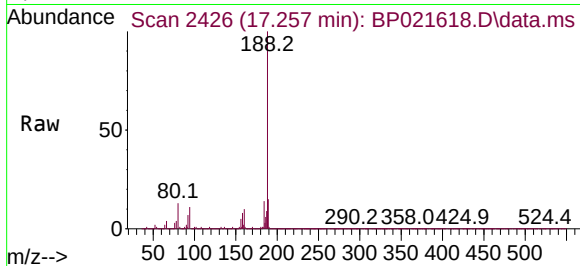




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP021618.D
Acq: 22 Aug 2024 17:58

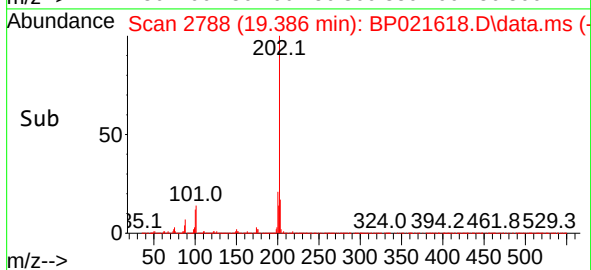
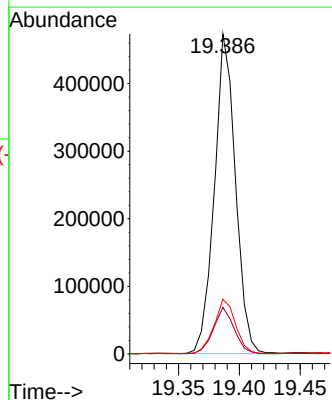
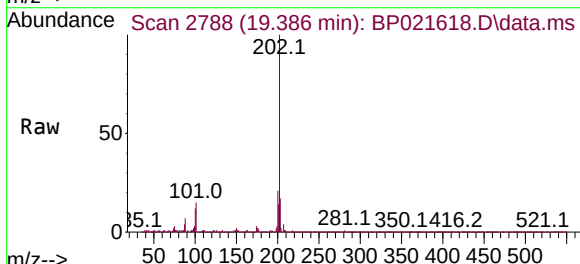
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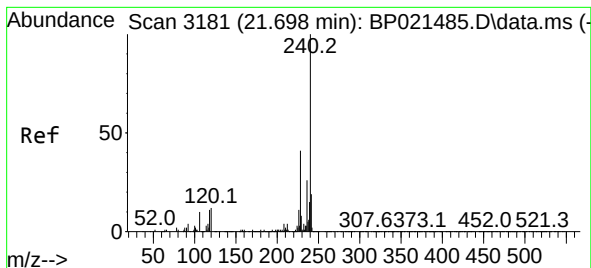
Tgt Ion:188 Resp: 1825698
Ion Ratio Lower Upper
188 100
94 11.3 10.2 15.4
80 13.0 11.6 17.4



#75
Fluoranthene
Concen: 5.289 ng
RT: 19.386 min Scan# 2788
Delta R.T. 0.006 min
Lab File: BP021618.D
Acq: 22 Aug 2024 17:58

Tgt Ion:202 Resp: 569743
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.0
203 17.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3181

Delta R.T. 0.006 min

Lab File: BP021618.D

Acq: 22 Aug 2024 17:58

Instrument :

BNA_P

ClientSampleId :

OU4-TS-11-080724

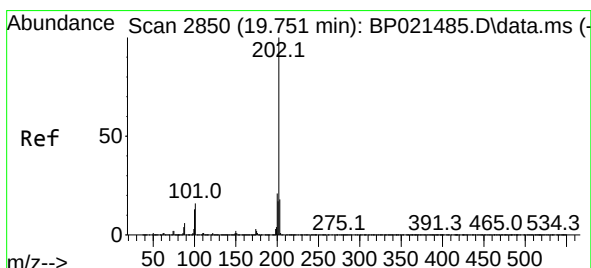
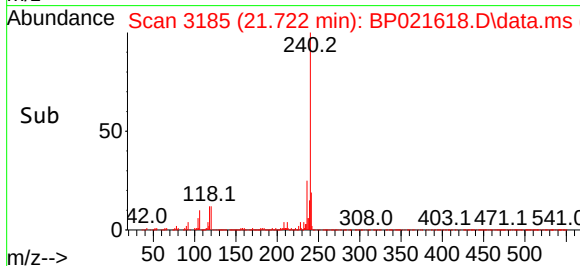
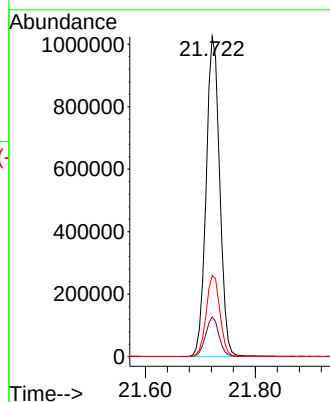
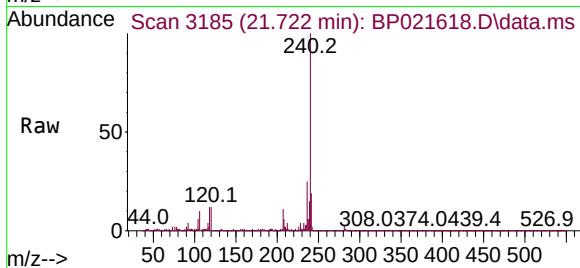
Tgt Ion:240 Resp: 1754188

Ion Ratio Lower Upper

240 100

120 12.4 9.9 14.9

236 25.4 20.6 30.8



#78

Pyrene

Concen: 4.555 ng

RT: 19.763 min Scan# 2852

Delta R.T. 0.006 min

Lab File: BP021618.D

Acq: 22 Aug 2024 17:58

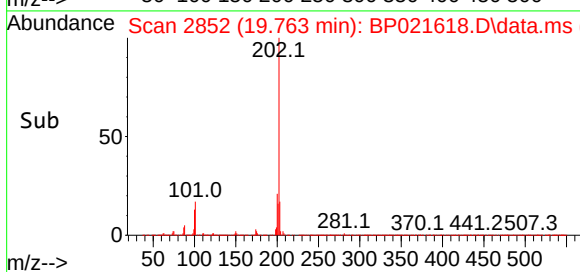
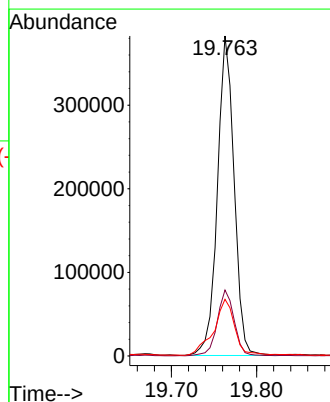
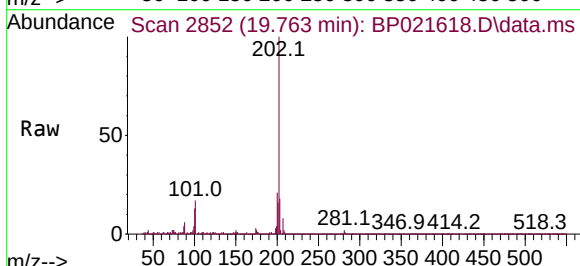
Tgt Ion:202 Resp: 522258

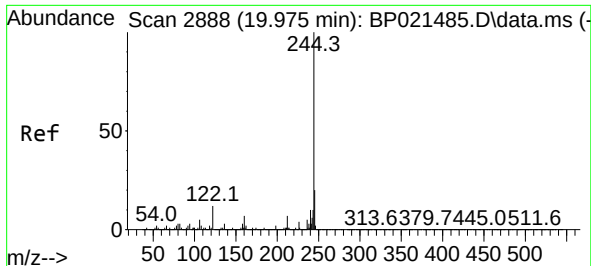
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 17.7 14.1 21.1

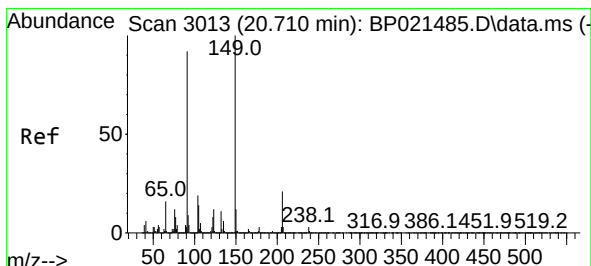
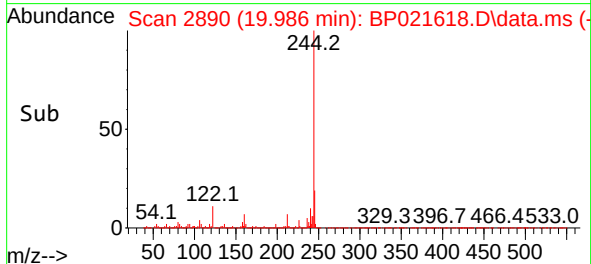
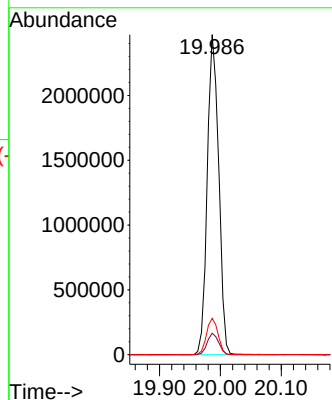
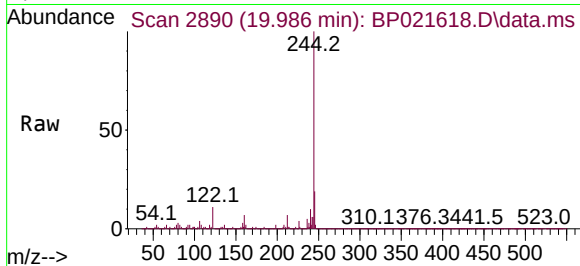




#79
 Terphenyl-d14
 Concen: 35.683 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP021618.D
 Acq: 22 Aug 2024 17:58

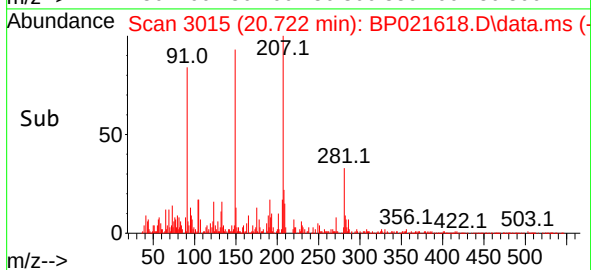
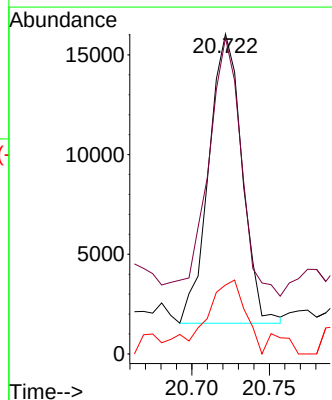
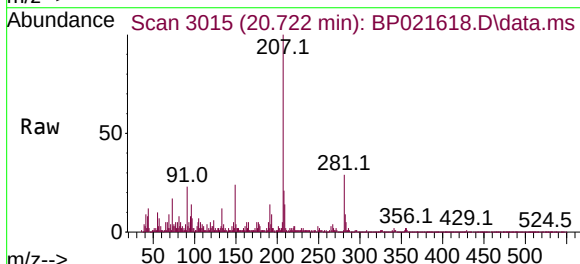
Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-11-080724

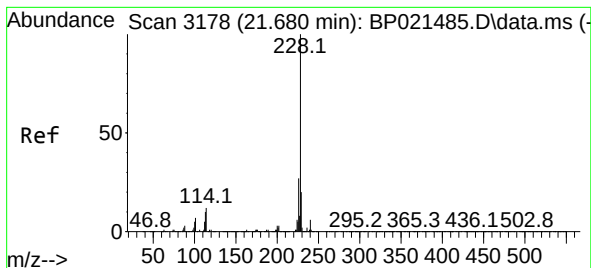
Tgt Ion:244 Resp: 3221985
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.3 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 4.063 ng
 RT: 20.722 min Scan# 3015
 Delta R.T. 0.012 min
 Lab File: BP021618.D
 Acq: 22 Aug 2024 17:58

Tgt Ion:149 Resp: 21651
 Ion Ratio Lower Upper
 149 100
 91 98.8 73.3 109.9
 206 21.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 2.351 ng

RT: 21.698 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP021618.D

Acq: 22 Aug 2024 17:58

Instrument :

BNA_P

ClientSampleId :

OU4-TS-11-080724

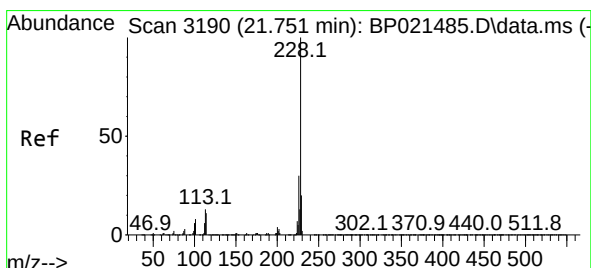
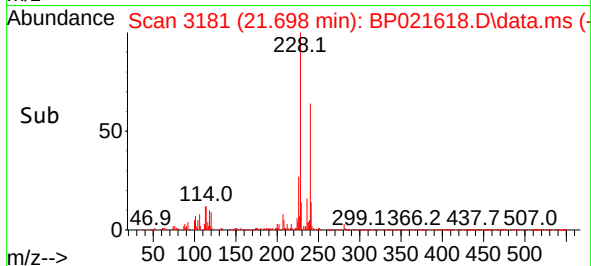
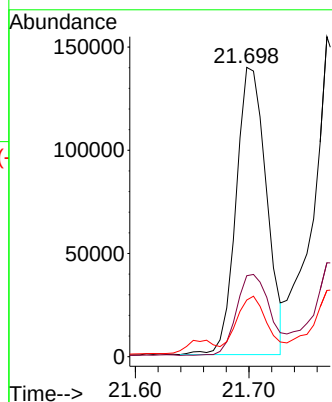
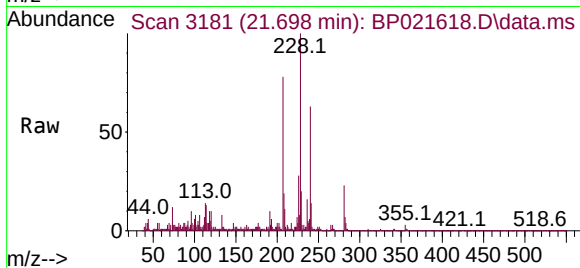
Tgt Ion:228 Resp: 258861

Ion Ratio Lower Upper

228 100

226 28.0 21.4 32.2

229 19.6 15.8 23.6



#83

Chrysene

Concen: 2.792 ng

RT: 21.769 min Scan# 3193

Delta R.T. -0.000 min

Lab File: BP021618.D

Acq: 22 Aug 2024 17:58

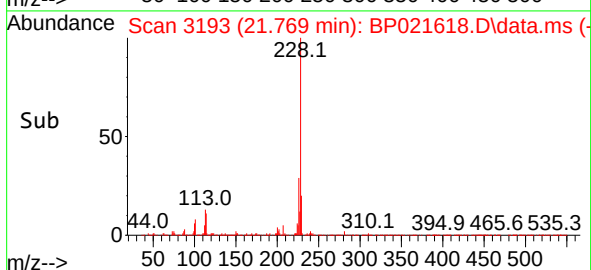
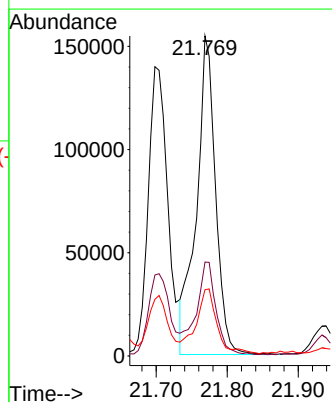
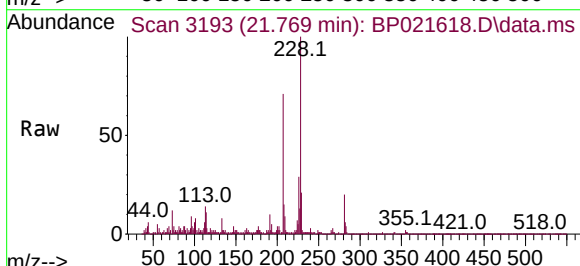
Tgt Ion:228 Resp: 290233

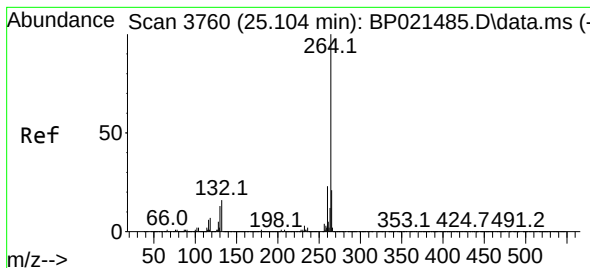
Ion Ratio Lower Upper

228 100

226 29.4 23.9 35.9

229 20.7 15.8 23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.151 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP021618.D

Acq: 22 Aug 2024 17:58

Instrument :

BNA_P

ClientSampleId :

OU4-TS-11-080724

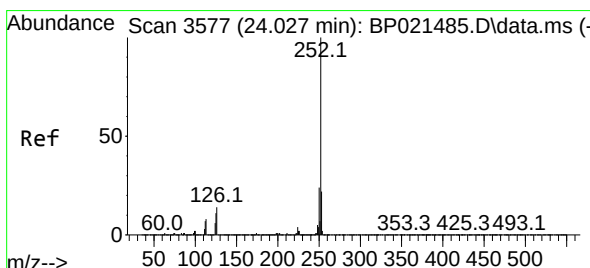
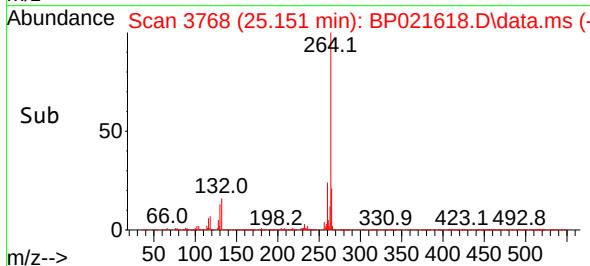
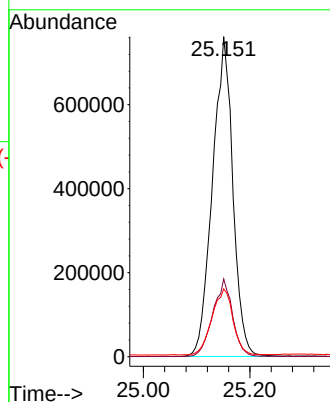
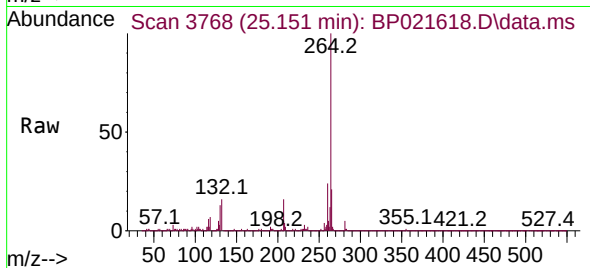
Tgt Ion:264 Resp: 2017977

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 21.2 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 3.164 ng

RT: 24.080 min Scan# 3586

Delta R.T. 0.024 min

Lab File: BP021618.D

Acq: 22 Aug 2024 17:58

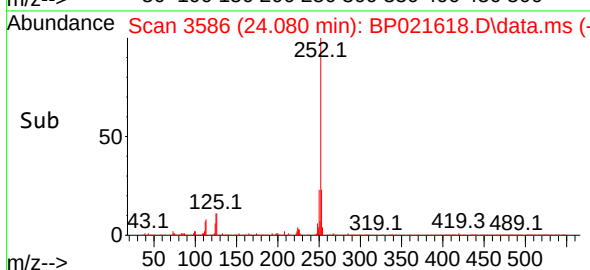
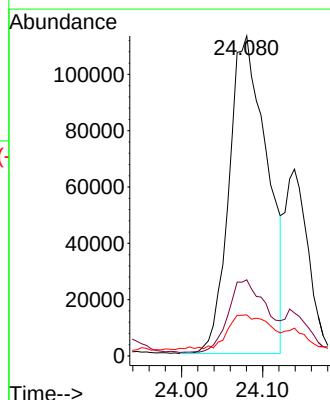
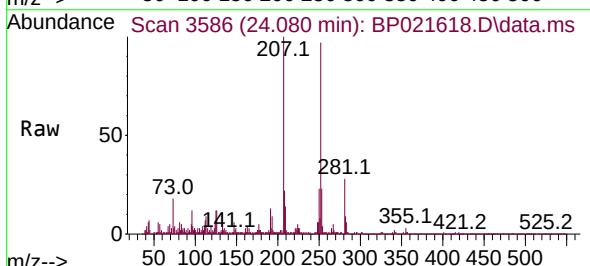
Tgt Ion:252 Resp: 366703

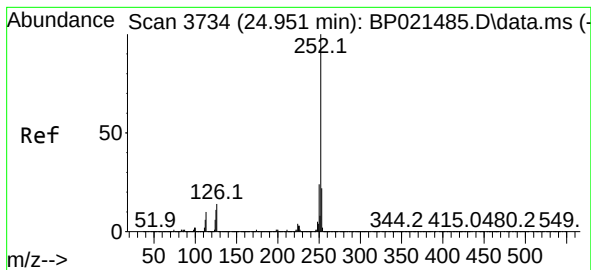
Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

125 12.8 8.6 13.0





#90

Benzo(a)pyrene

Concen: 2.383 ng

RT: 24.998 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP021618.D

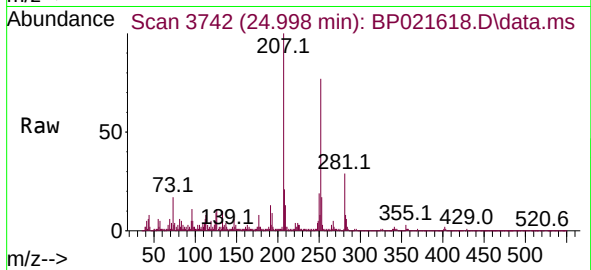
Acq: 22 Aug 2024 17:58

Instrument :

BNA_P

ClientSampleId :

OU4-TS-11-080724



Tgt Ion:252 Resp: 239692

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 12.0 8.7 13.1

