

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021559.D
 Acq On : 19 Aug 2024 18:54
 Operator : RC/JU
 Sample : P3518-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-12-080724

Quant Time: Aug 20 00:08:12 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)

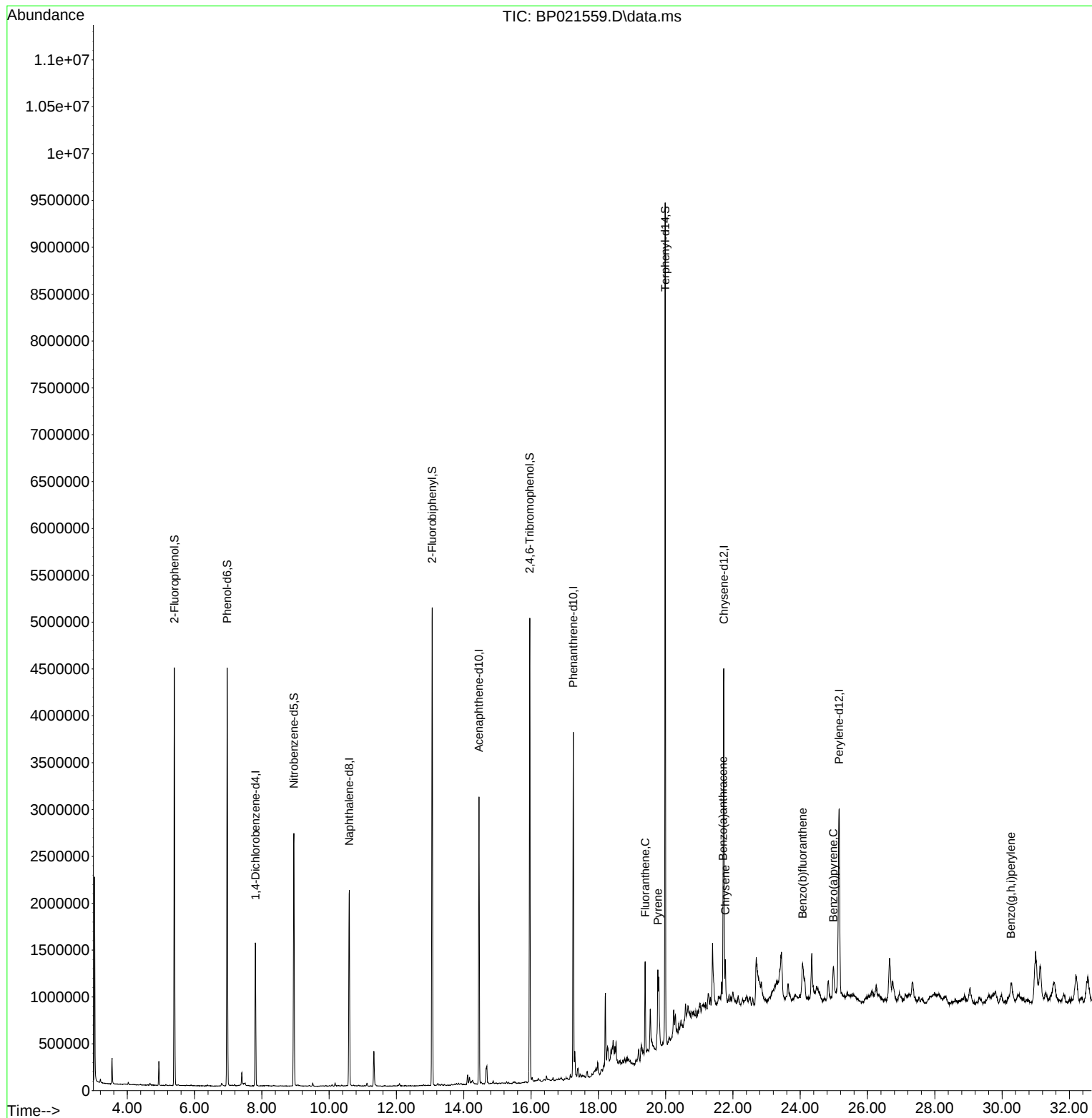
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	417595	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1738767	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1099897	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2236339	20.000	ng	0.00
76) Chrysene-d12	21.727	240	1958241	20.000	ng	0.03
86) Perylene-d12	25.157	264	2293581	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2021680	71.886	ng	0.00
7) Phenol-d6	6.969	99	2927722	71.363	ng	0.00
23) Nitrobenzene-d5	8.952	82	1736734	51.555	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1001401	81.804	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2729067	37.867	ng	0.00
79) Terphenyl-d14	19.986	244	4044284	40.122	ng	0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.392	202	590991	4.478	ng	100
78) Pyrene	19.769	202	529003	4.133	ng	99
81) Benzo(a)anthracene	21.704	228	302674	2.462	ng	96
83) Chrysene	21.774	228	319848	2.756	ng	96
88) Benzo(b)fluoranthene	24.068	252	456883	3.468	ng	# 94
90) Benzo(a)pyrene	24.986	252	319779	2.797	ng	# 92
92) Benzo(g,h,i)perylene	30.262	276	250825	2.026	ng	# 94

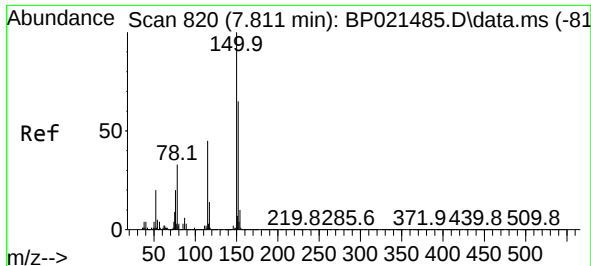
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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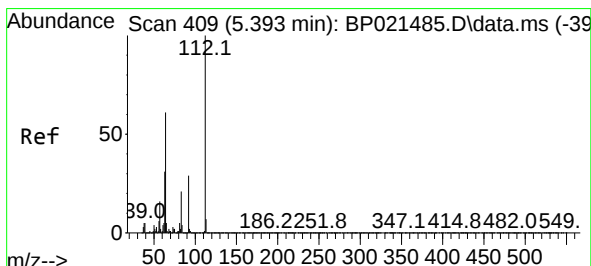
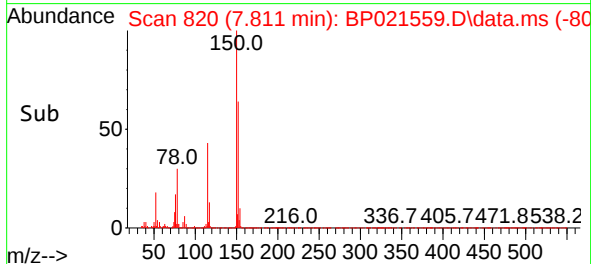
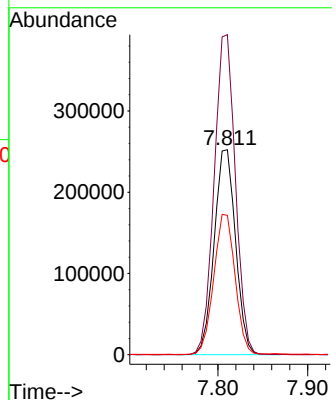
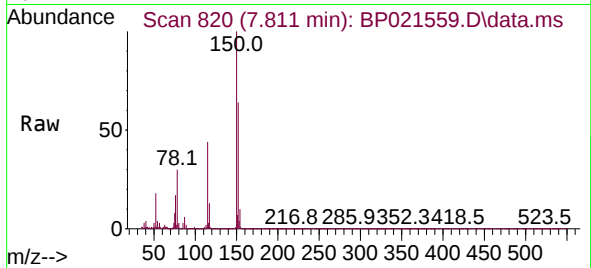




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021559.D
Acq: 19 Aug 2024 18:54

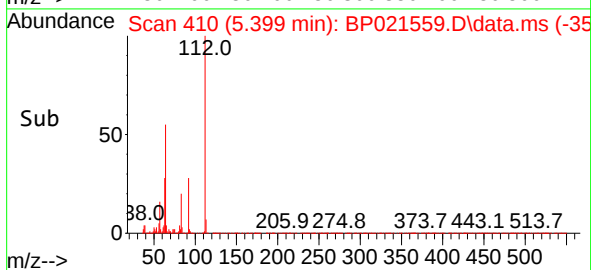
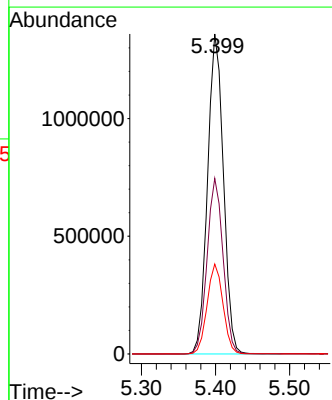
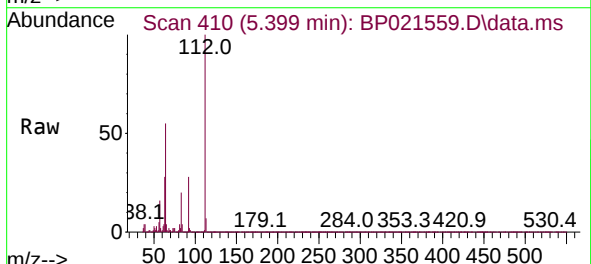
Instrument :
BNA_P
ClientSampleId :
OU4-TS-12-080724

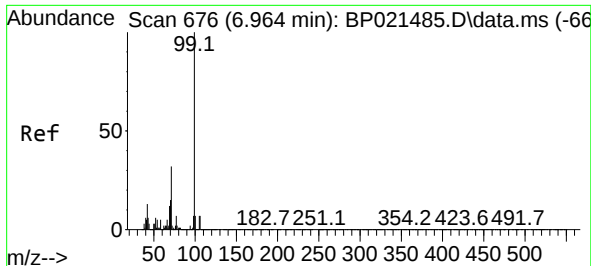
Tgt Ion:152 Resp: 417595
Ion Ratio Lower Upper
152 100
150 156.2 122.4 183.6
115 68.0 54.7 82.1



#5
2-Fluorophenol
Concen: 71.886 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021559.D
Acq: 19 Aug 2024 18:54

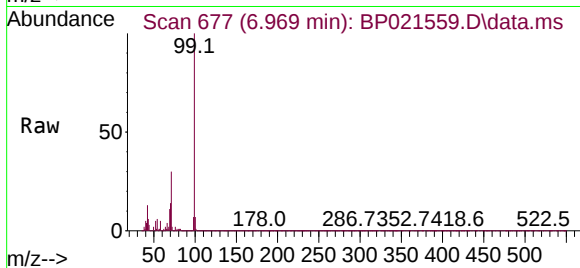
Tgt Ion:112 Resp: 2021680
Ion Ratio Lower Upper
112 100
64 54.9 49.0 73.6
63 28.1 24.6 36.8





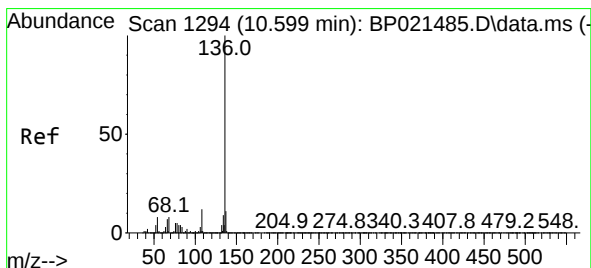
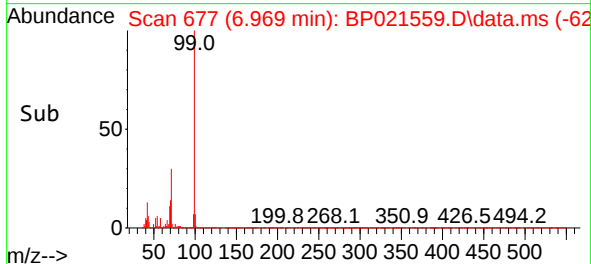
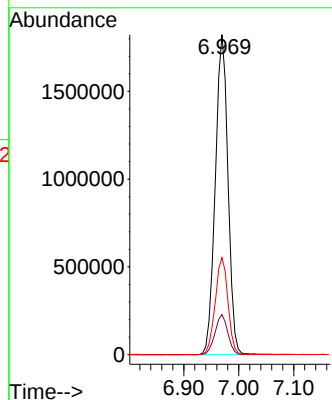
#7
Phenol-d6
Concen: 71.363 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021559.D
Acq: 19 Aug 2024 18:54

Instrument :
BNA_P
ClientSampleId :
OU4-TS-12-080724



Tgt Ion: 99 Resp: 2927722

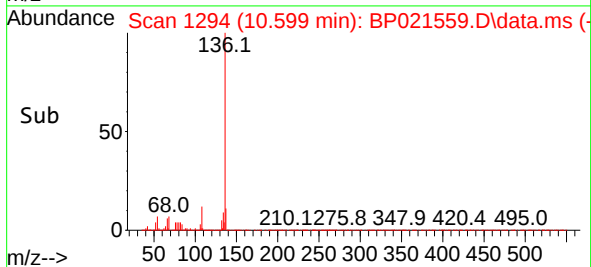
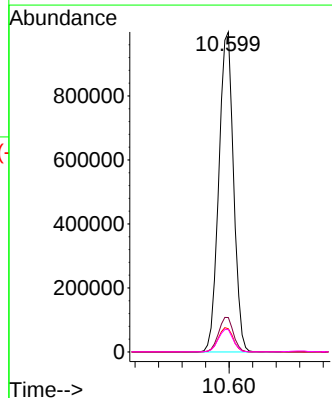
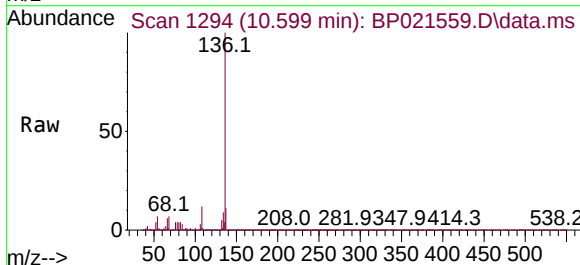
Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.2	15.4
71	30.4	25.8	38.8

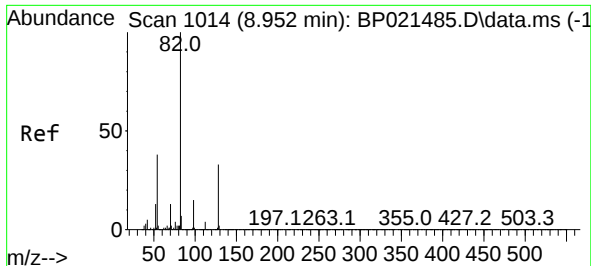


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP021559.D
Acq: 19 Aug 2024 18:54

Tgt Ion: 136 Resp: 1738767

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.3	6.3	9.5
68	7.0	6.8	10.2

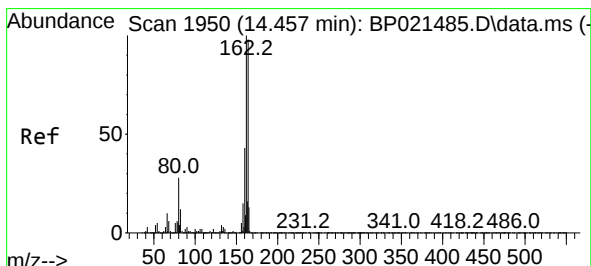
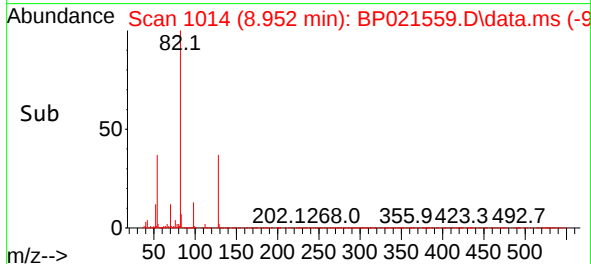
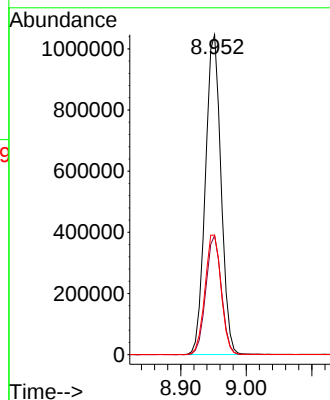
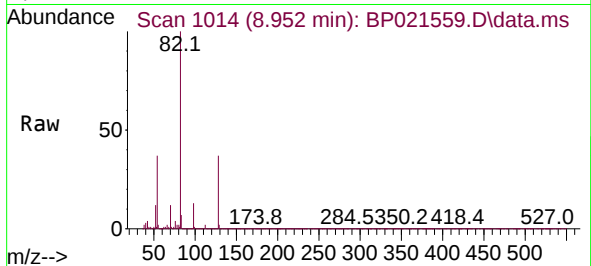




#23
Nitrobenzene-d5
Concen: 51.555 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021559.D
Acq: 19 Aug 2024 18:54

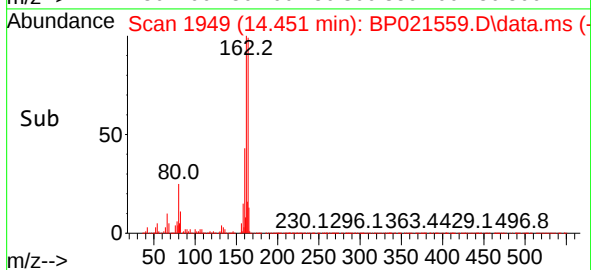
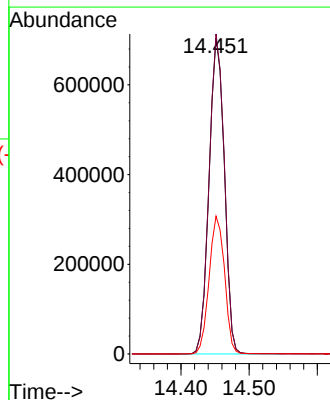
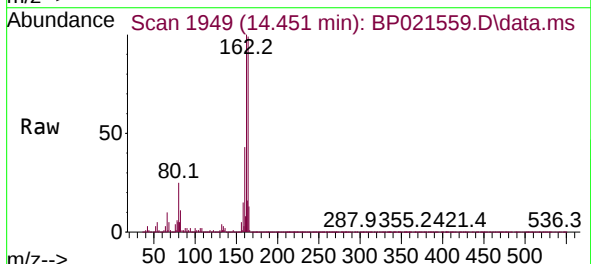
Instrument :
BNA_P
ClientSampleId :
OU4-TS-12-080724

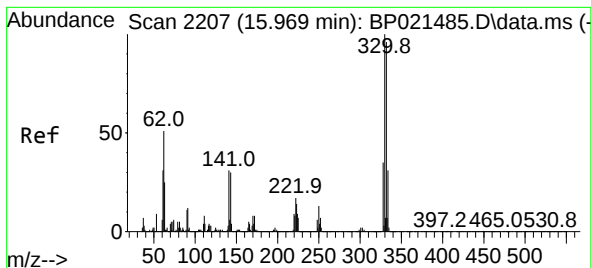
Tgt Ion: 82 Resp: 1736734
Ion Ratio Lower Upper
82 100
128 37.2 26.5 39.7
54 37.4 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021559.D
Acq: 19 Aug 2024 18:54

Tgt Ion:164 Resp: 1099897
Ion Ratio Lower Upper
164 100
162 101.2 81.5 122.3
160 43.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 81.804 ng

RT: 15.963 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021559.D

Acq: 19 Aug 2024 18:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-12-080724

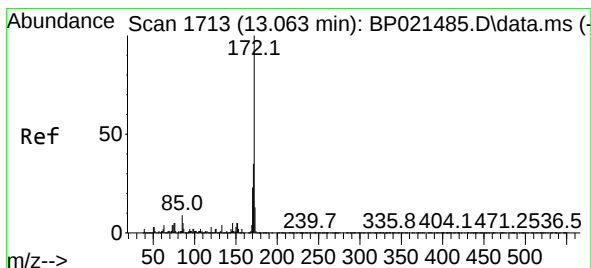
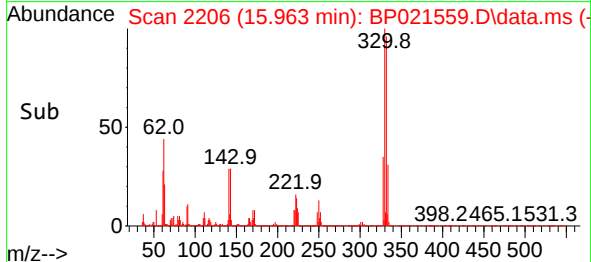
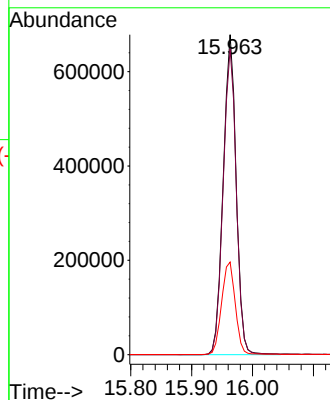
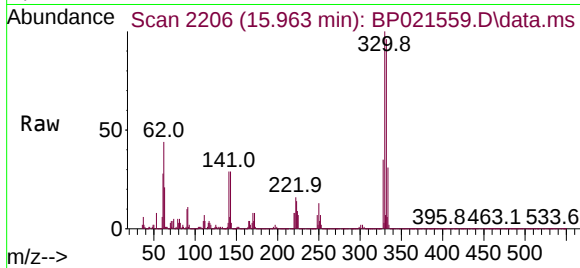
Tgt Ion:330 Resp: 1001401

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

141 30.7 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 37.867 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021559.D

Acq: 19 Aug 2024 18:54

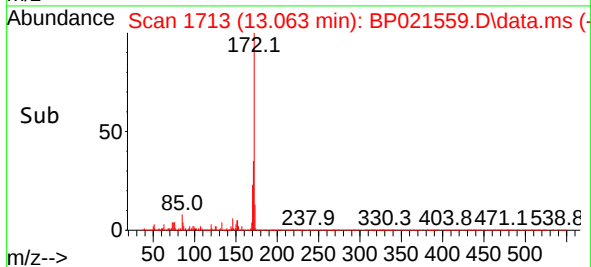
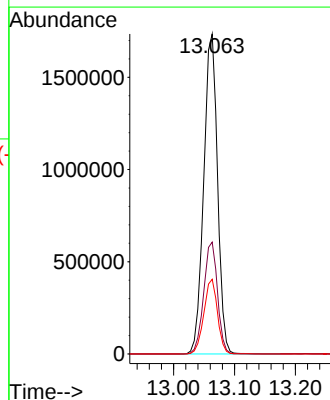
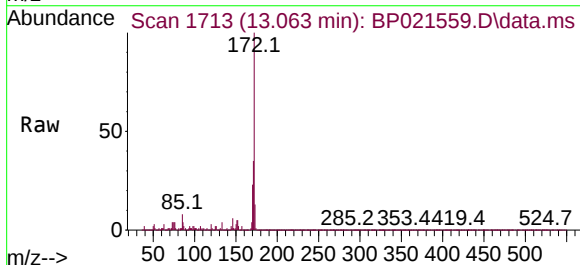
Tgt Ion:172 Resp: 2729067

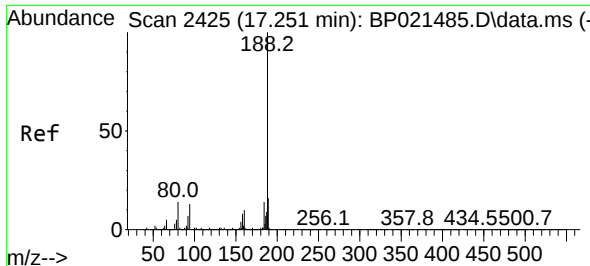
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.4 18.4 27.6

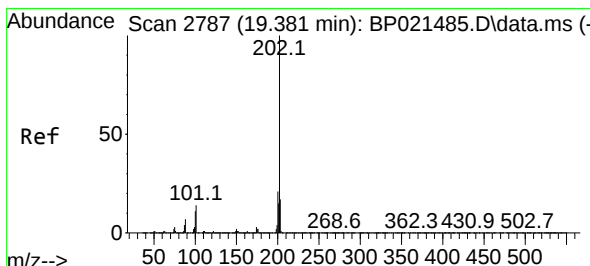
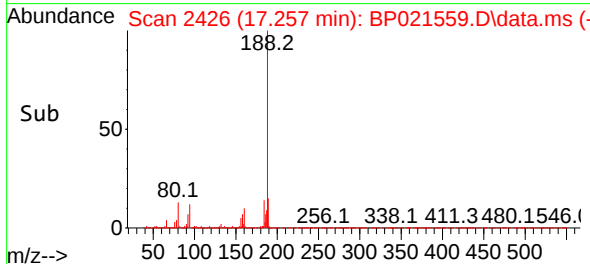
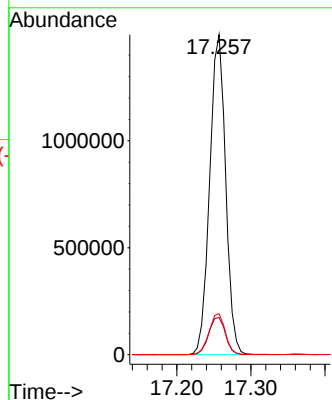
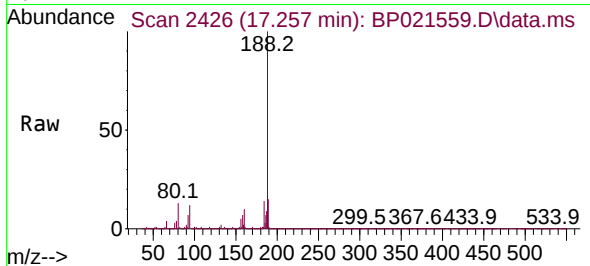




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP021559.D
Acq: 19 Aug 2024 18:54

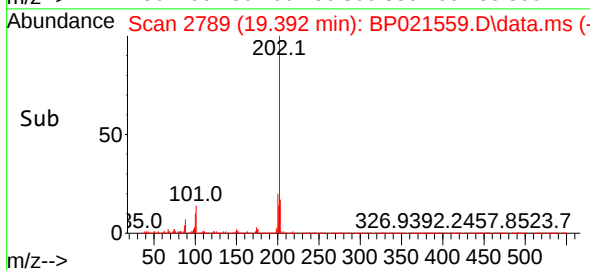
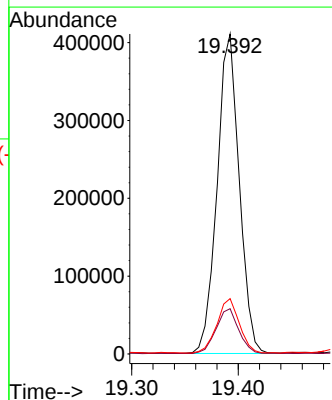
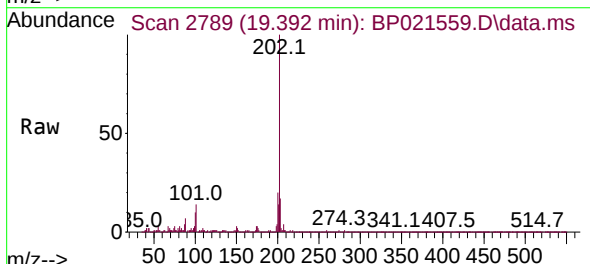
Instrument :
BNA_P
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OU4-TS-12-080724

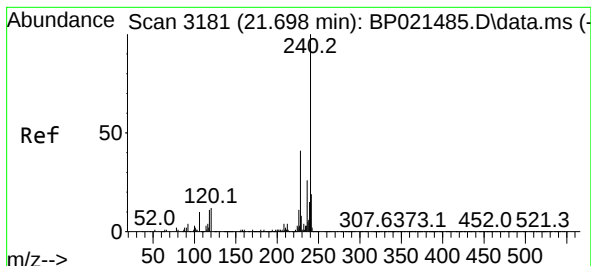
Tgt Ion:188 Resp: 2236339
Ion Ratio Lower Upper
188 100
94 11.6 10.2 15.4
80 12.8 11.6 17.4



#75
Fluoranthene
Concen: 4.478 ng
RT: 19.392 min Scan# 2789
Delta R.T. 0.012 min
Lab File: BP021559.D
Acq: 19 Aug 2024 18:54

Tgt Ion:202 Resp: 590991
Ion Ratio Lower Upper
202 100
101 14.1 0.0 34.0
203 17.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 3181

Delta R.T. 0.029 min

Lab File: BP021559.D

Acq: 19 Aug 2024 18:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-12-080724

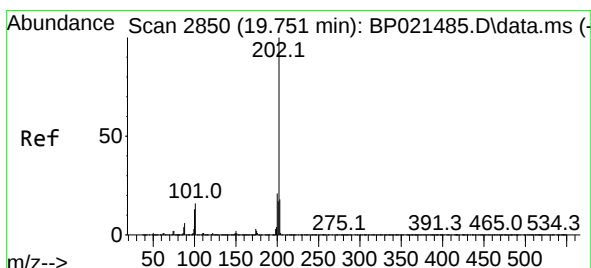
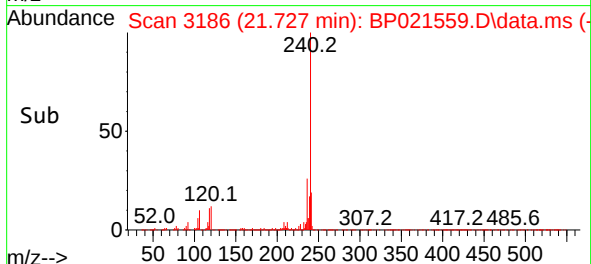
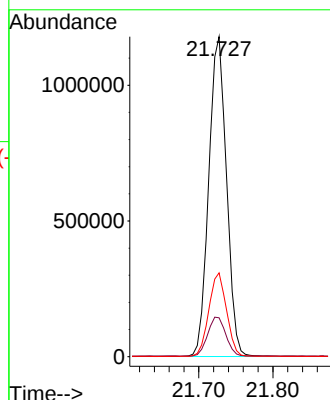
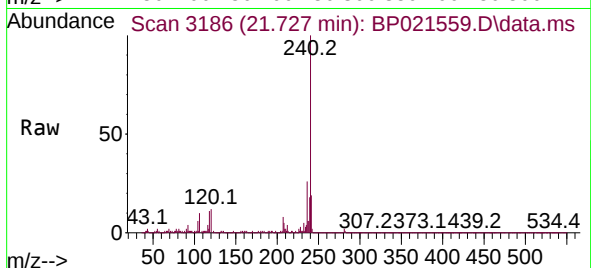
Tgt Ion:240 Resp: 1958241

Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

236 26.2 20.6 30.8



#78

Pyrene

Concen: 4.133 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.018 min

Lab File: BP021559.D

Acq: 19 Aug 2024 18:54

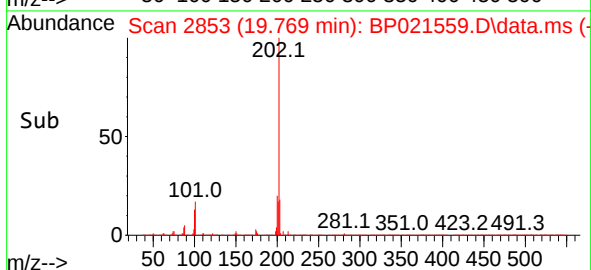
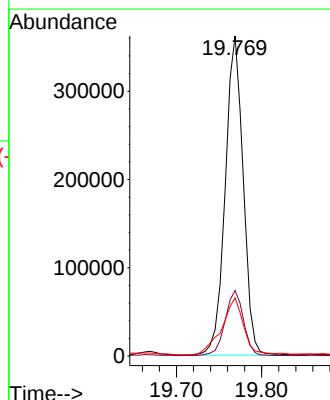
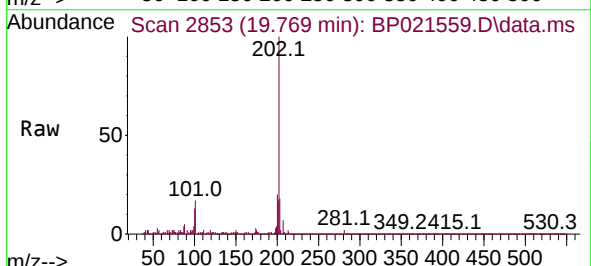
Tgt Ion:202 Resp: 529003

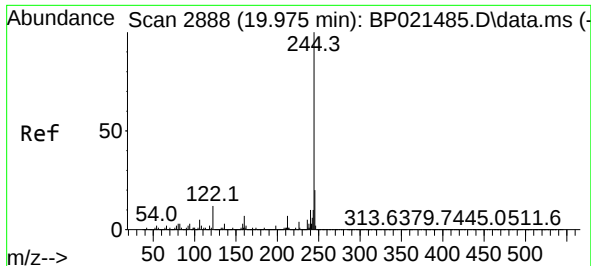
Ion Ratio Lower Upper

202 100

200 20.5 16.7 25.1

203 18.1 14.1 21.1

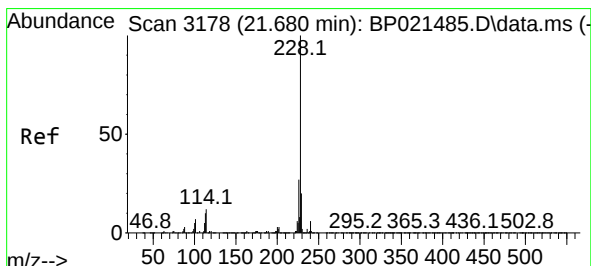
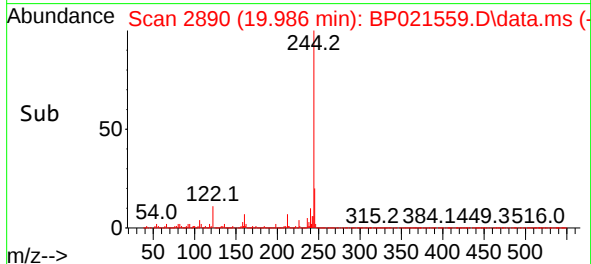
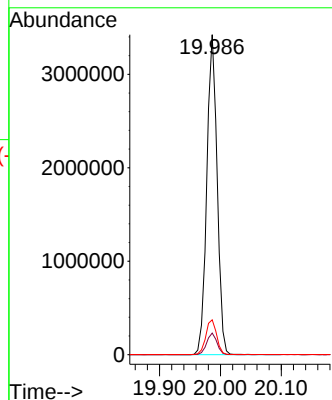
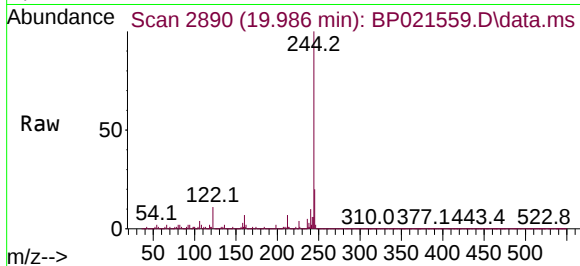




#79
 Terphenyl-d14
 Concen: 40.122 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP021559.D
 Acq: 19 Aug 2024 18:54

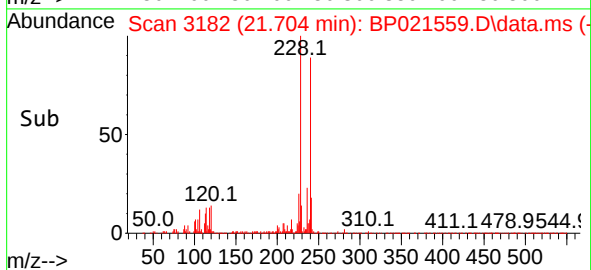
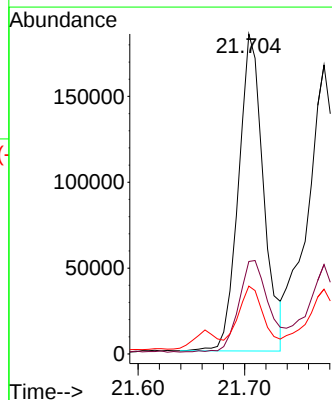
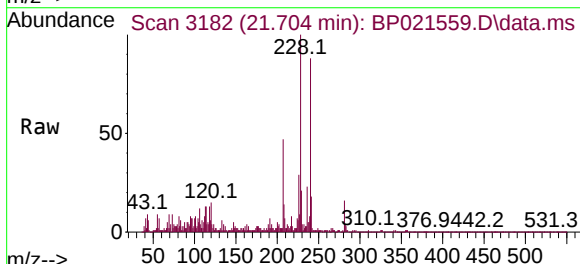
Instrument :
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 OU4-TS-12-080724

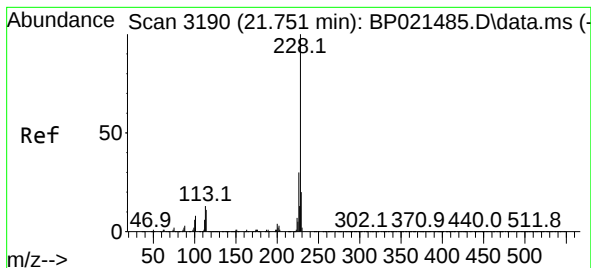
Tgt Ion:244 Resp: 4044284
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.9 9.4 14.2



#81
 Benzo(a)anthracene
 Concen: 2.462 ng
 RT: 21.704 min Scan# 3182
 Delta R.T. 0.024 min
 Lab File: BP021559.D
 Acq: 19 Aug 2024 18:54

Tgt Ion:228 Resp: 302674
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.4 32.2
 229 21.2 15.8 23.6





#83

Chrysene

Concen: 2.756 ng

RT: 21.774 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP021559.D

Acq: 19 Aug 2024 18:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-12-080724

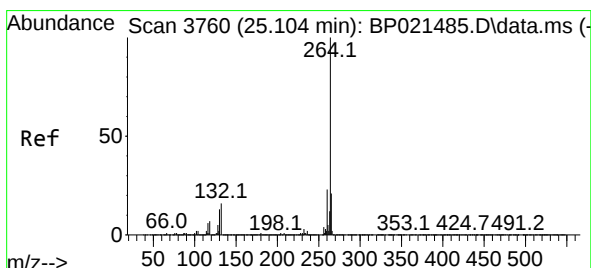
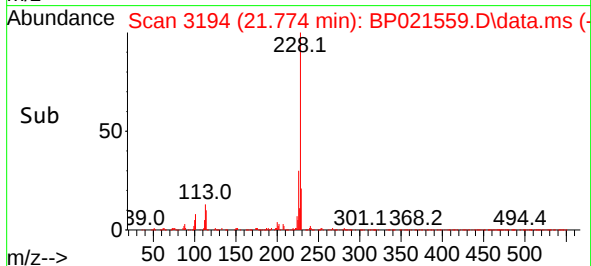
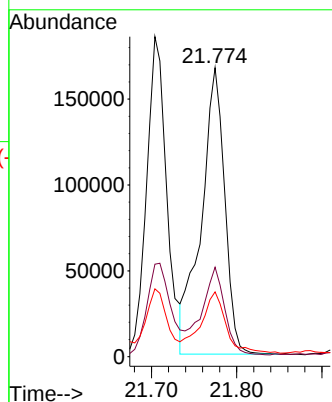
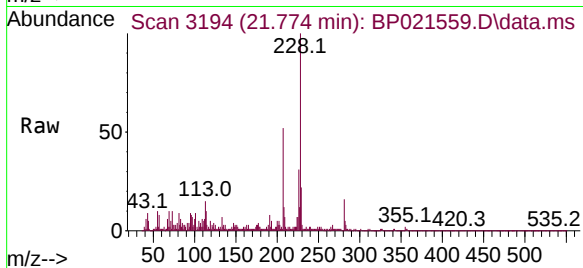
Tgt Ion:228 Resp: 319848

Ion Ratio Lower Upper

228 100

226 31.0 23.9 35.9

229 22.4 15.8 23.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.157 min Scan# 3769

Delta R.T. 0.053 min

Lab File: BP021559.D

Acq: 19 Aug 2024 18:54

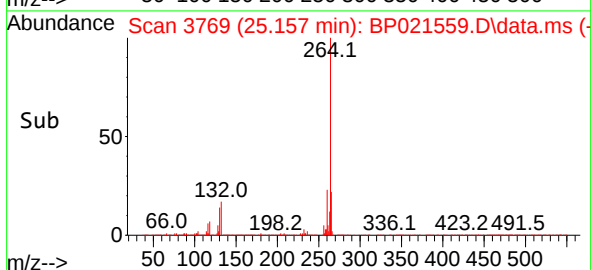
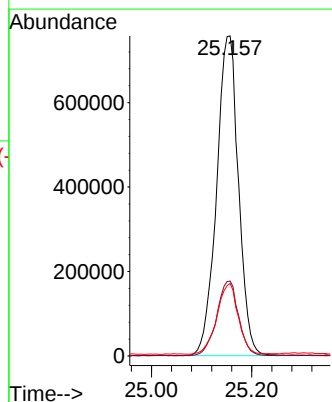
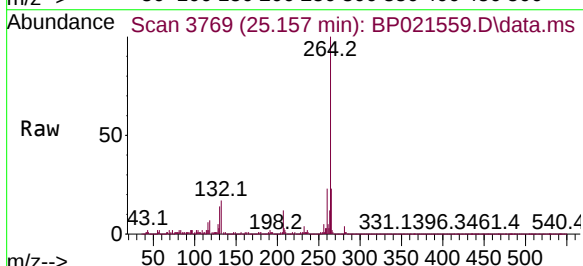
Tgt Ion:264 Resp: 2293581

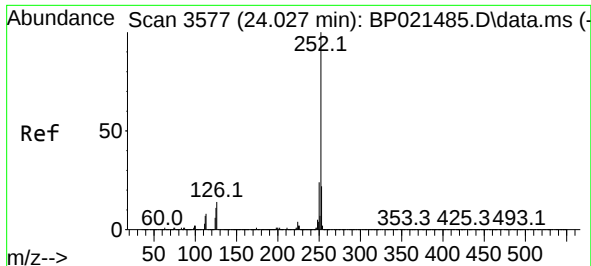
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.6 17.1 25.7

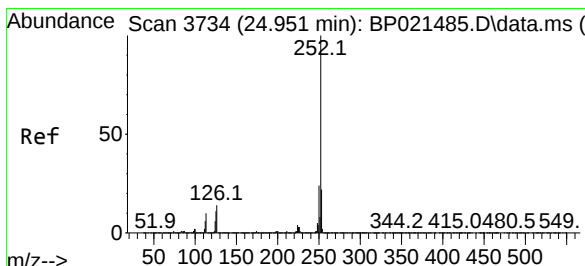
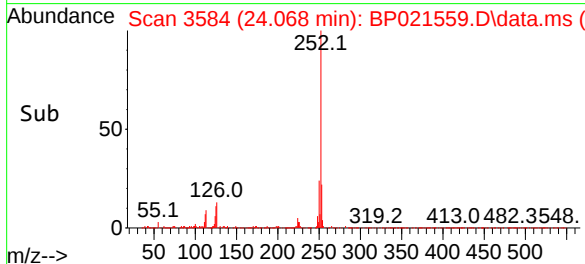
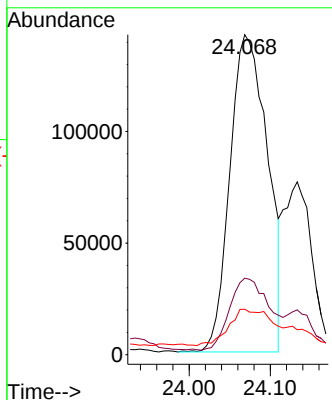
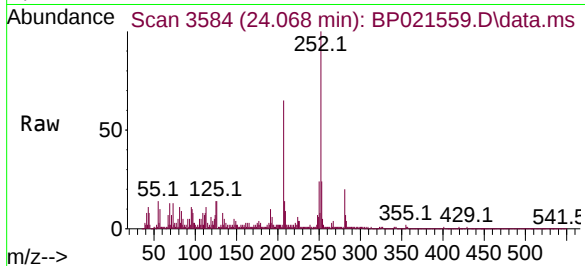




#88
Benzo(b)fluoranthene
Concen: 3.468 ng
RT: 24.068 min Scan# 31
Delta R.T. 0.041 min
Lab File: BP021559.D
Acq: 19 Aug 2024 18:54

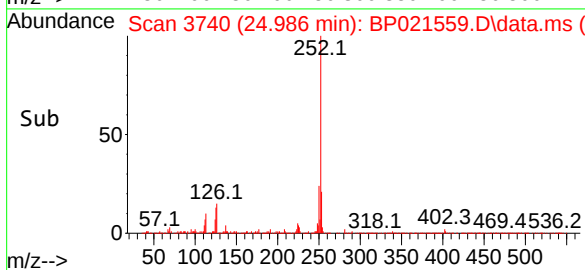
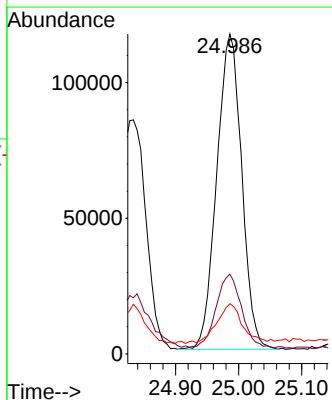
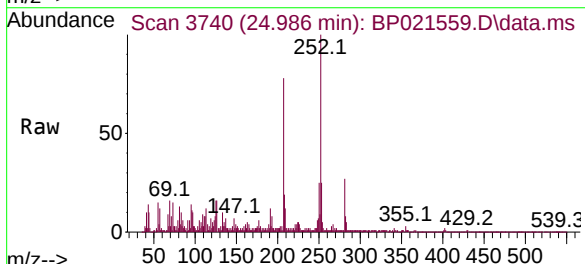
Instrument :
BNA_P
ClientSampleId :
OU4-TS-12-080724

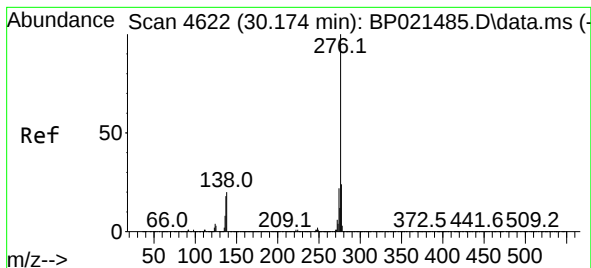
Tgt Ion:252 Resp: 456883
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 14.2 8.6 13.0#



#90
Benzo(a)pyrene
Concen: 2.797 ng
RT: 24.986 min Scan# 3740
Delta R.T. 0.035 min
Lab File: BP021559.D
Acq: 19 Aug 2024 18:54

Tgt Ion:252 Resp: 319779
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 15.7 8.7 13.1#





#92

Benzo(g,h,i)perylene

Concen: 2.026 ng

RT: 30.262 min Scan# 4

Delta R.T. 0.088 min

Lab File: BP021559.D

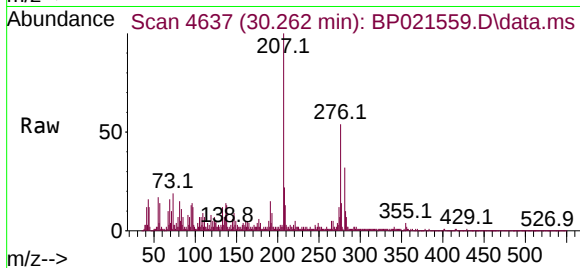
Acq: 19 Aug 2024 18:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-12-080724



Tgt Ion:276 Resp: 250825

Ion Ratio Lower Upper

276 100

277 25.3 19.0 28.6

138 24.6 16.0 24.0#

