

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021619.D
 Acq On : 22 Aug 2024 18:41
 Operator : RC/JU
 Sample : P3518-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-09-080724

Quant Time: Aug 23 00:53:32 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)

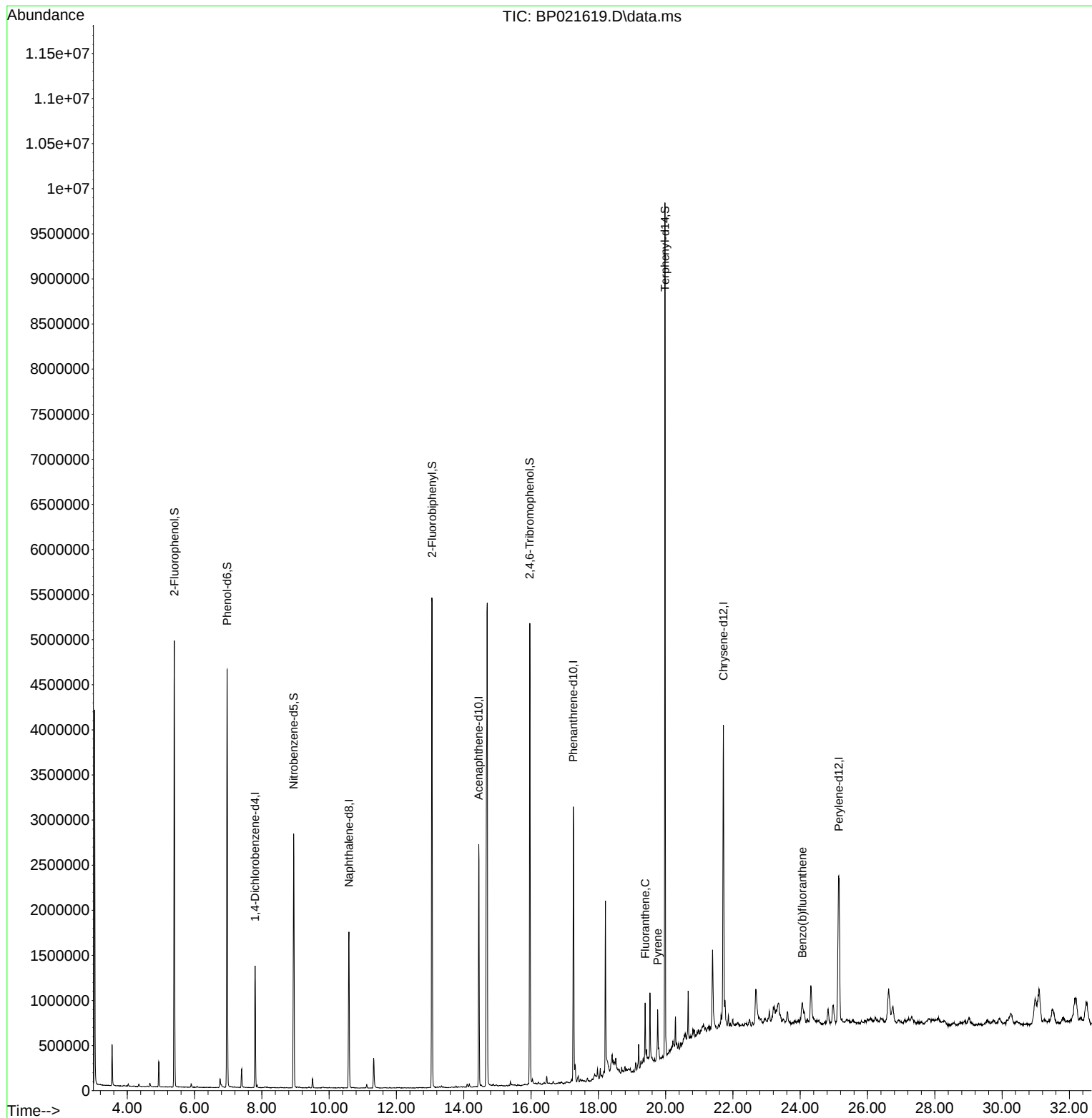
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	352434	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1405074	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	872533	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1872743	20.000	ng	0.00
76) Chrysene-d12	21.716	240	1824677	20.000	ng	0.00
86) Perylene-d12	25.145	264	2134055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2236247	94.217	ng	0.00
7) Phenol-d6	6.969	99	3117879	90.049	ng	0.00
23) Nitrobenzene-d5	8.946	82	1851453	68.013	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1016626	104.689	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2841645	49.704	ng	0.00
79) Terphenyl-d14	19.980	244	4081360	43.454	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.392	202	357135	3.232	ng	99
78) Pyrene	19.763	202	347831	2.916	ng	100
88) Benzo(b)fluoranthene	24.063	252	311178	2.539	ng	# 93

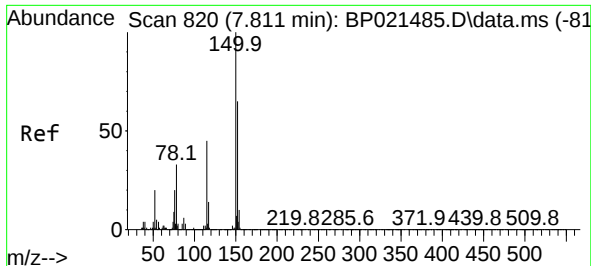
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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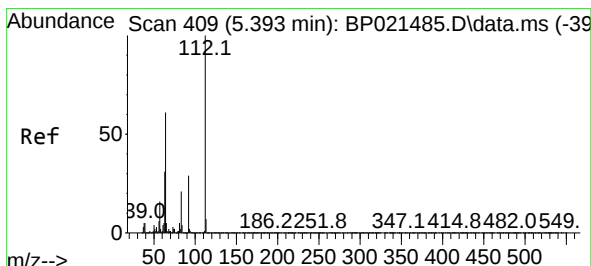
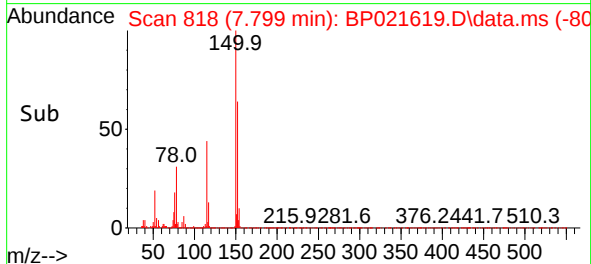
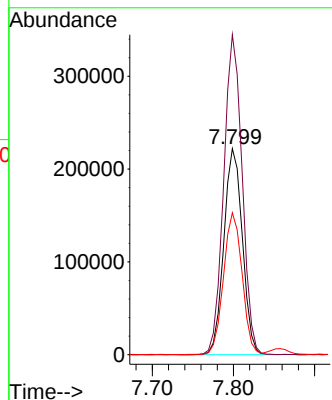
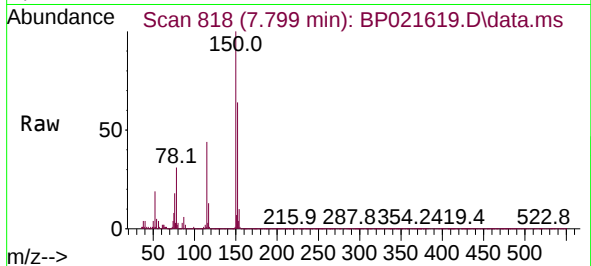




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

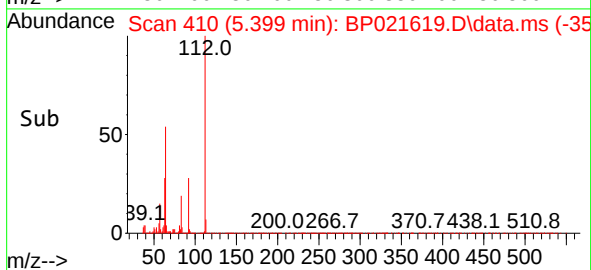
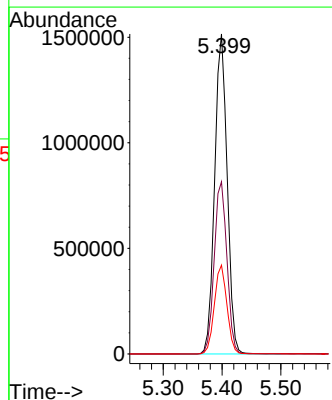
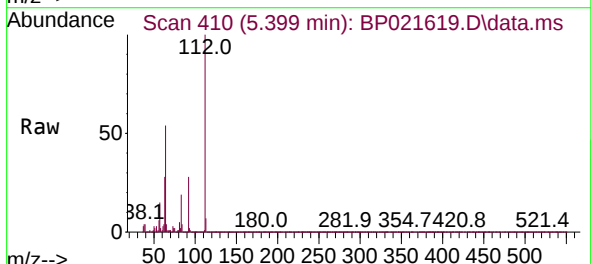
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

Tgt Ion:152 Resp: 352434
Ion Ratio Lower Upper
152 100
150 155.2 122.4 183.6
115 68.8 54.7 82.1



#5
2-Fluorophenol
Concen: 94.217 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:112 Resp: 2236247
Ion Ratio Lower Upper
112 100
64 53.8 49.0 73.6
63 27.8 24.6 36.8

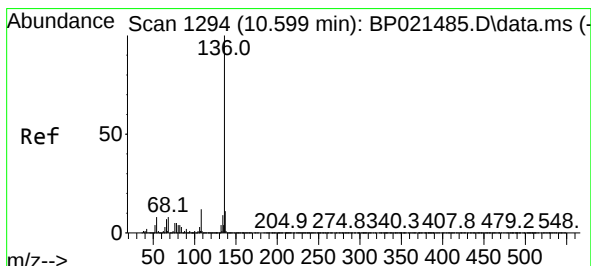
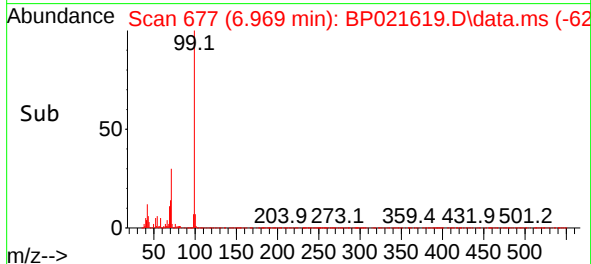
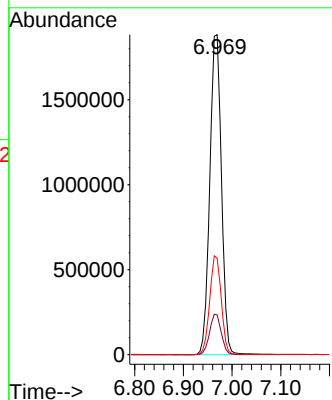
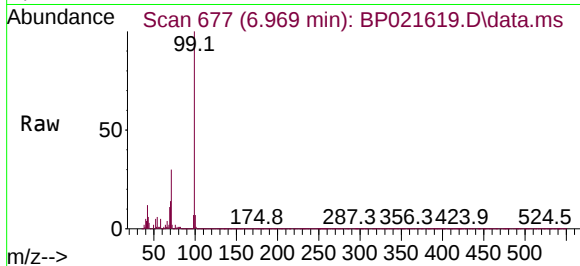




#7
Phenol-d6
Concen: 90.049 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

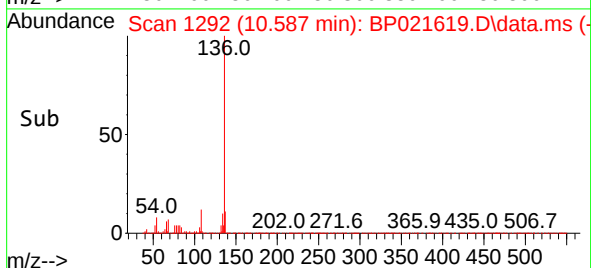
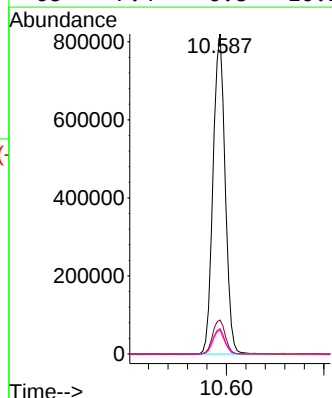
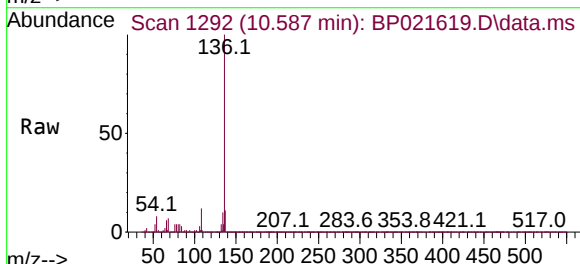
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

Tgt Ion: 99 Resp: 3117879
Ion Ratio Lower Upper
99 100
42 12.4 10.2 15.4
71 30.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:136 Resp: 1405074
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.9 6.3 9.5
68 7.4 6.8 10.2

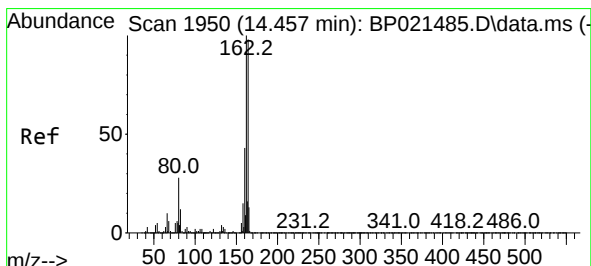
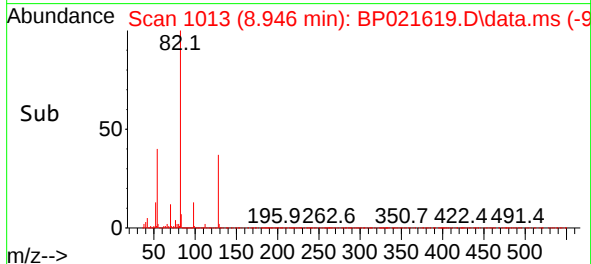
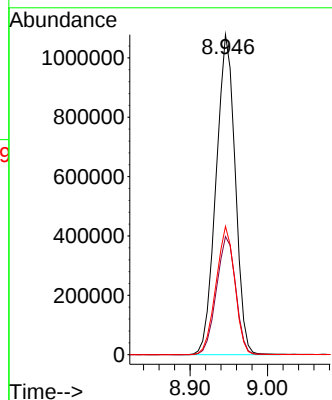
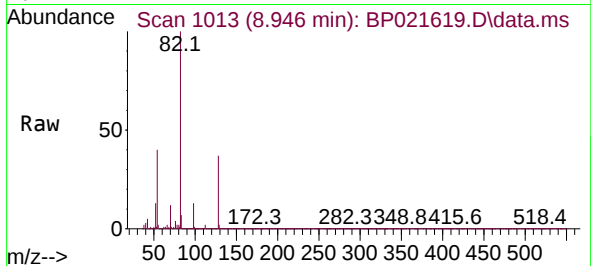




#23
Nitrobenzene-d5
Concen: 68.013 ng
RT: 8.946 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

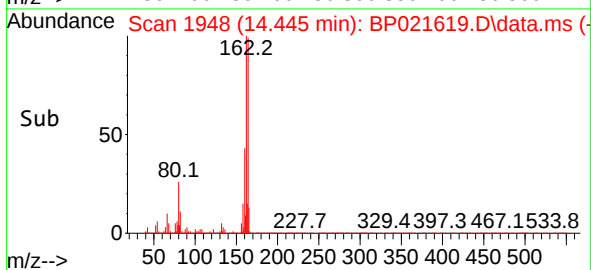
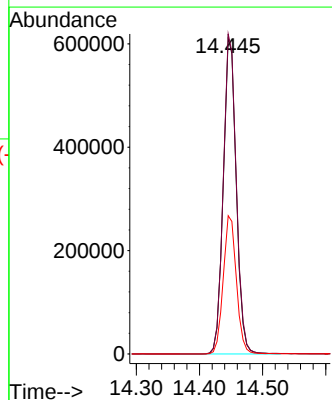
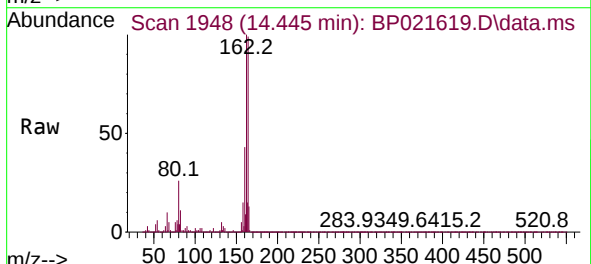
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

Tgt Ion: 82 Resp: 1851453
Ion Ratio Lower Upper
82 100
128 36.9 26.5 39.7
54 40.1 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:164 Resp: 872533
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 43.7 35.2 52.8

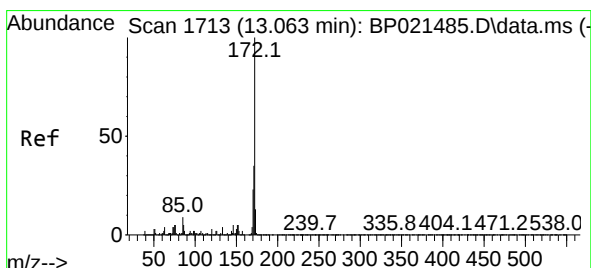
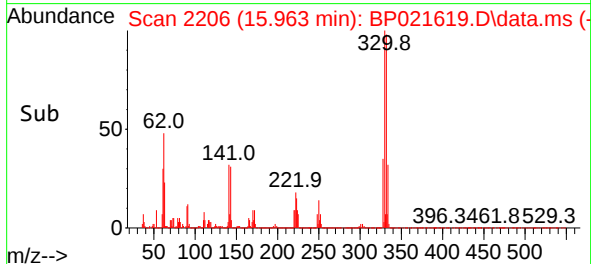
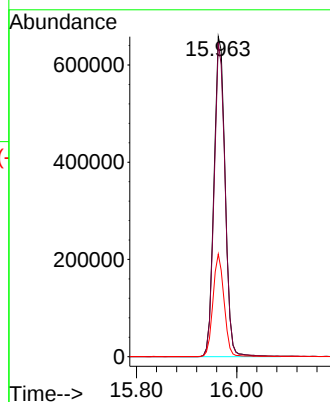
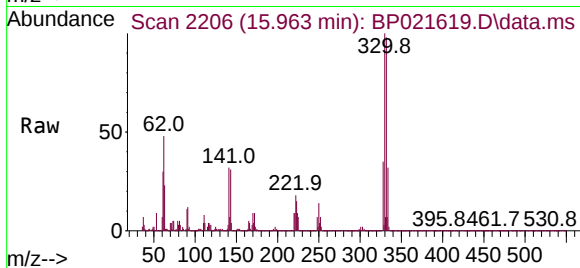




#42
2,4,6-Tribromophenol
Concen: 104.689 ng
RT: 15.963 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

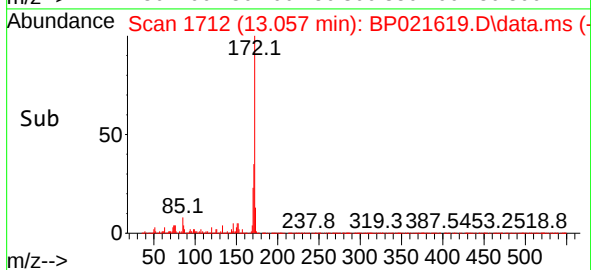
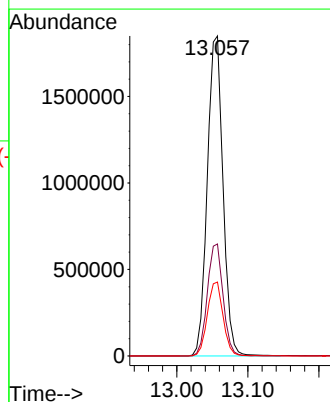
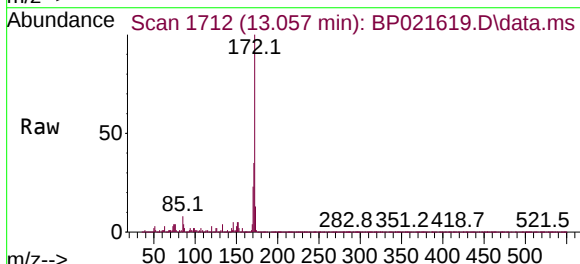
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

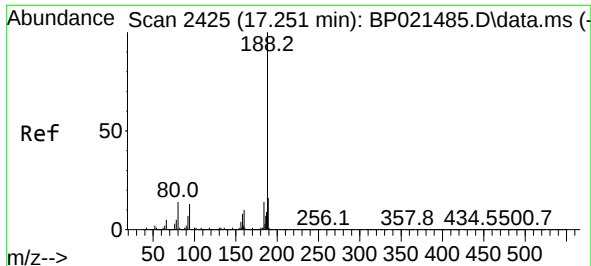
Tgt Ion:330 Resp: 1016626
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 31.7 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 49.704 ng
RT: 13.057 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:172 Resp: 2841645
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.1 18.4 27.6

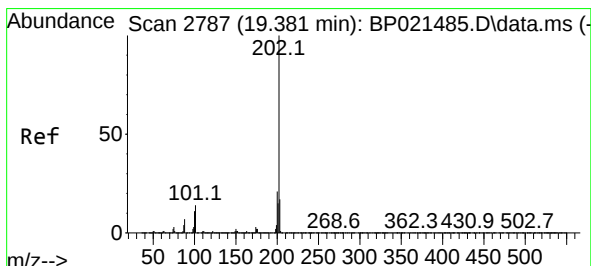
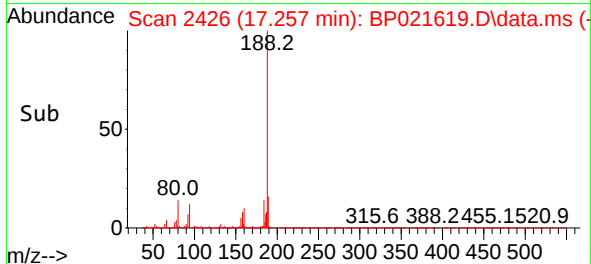
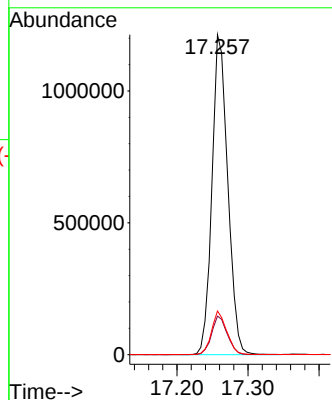
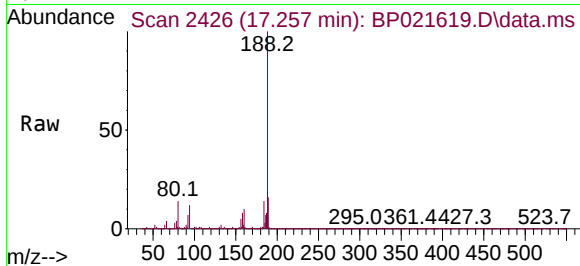




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

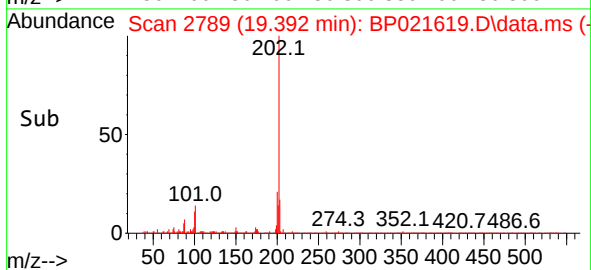
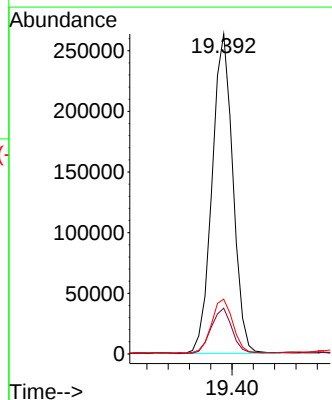
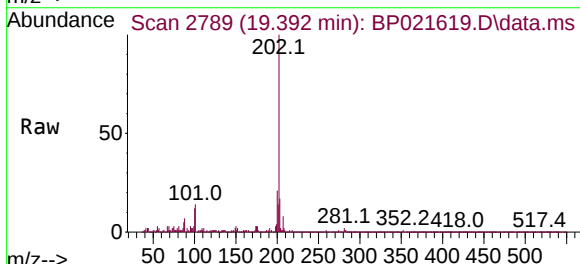
Instrument :
BNA_P
ClientSampleId :
OU4-TS-09-080724

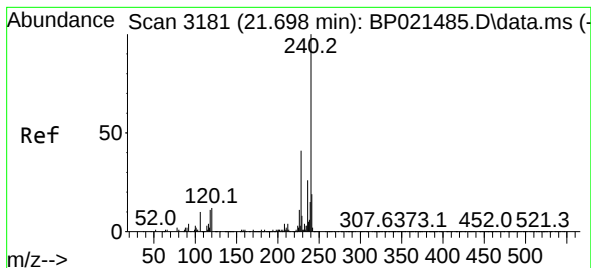
Tgt Ion:188 Resp: 1872743
Ion Ratio Lower Upper
188 100
94 12.0 10.2 15.4
80 13.7 11.6 17.4



#75
Fluoranthene
Concen: 3.232 ng
RT: 19.392 min Scan# 2789
Delta R.T. 0.012 min
Lab File: BP021619.D
Acq: 22 Aug 2024 18:41

Tgt Ion:202 Resp: 357135
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.0
203 17.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

Instrument :

BNA_P

ClientSampleId :

OU4-TS-09-080724

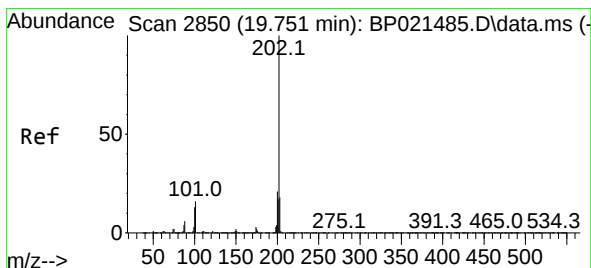
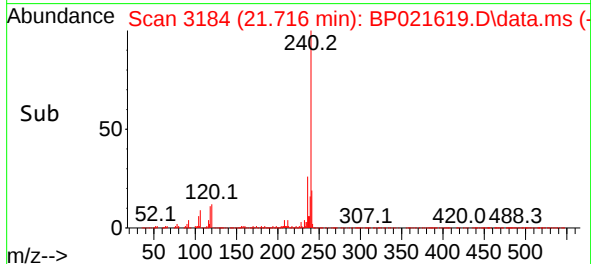
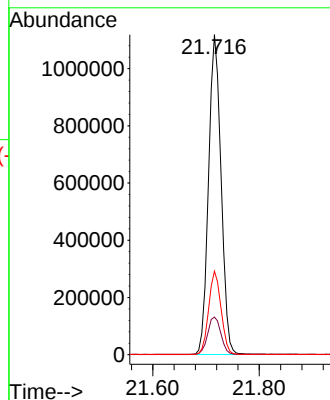
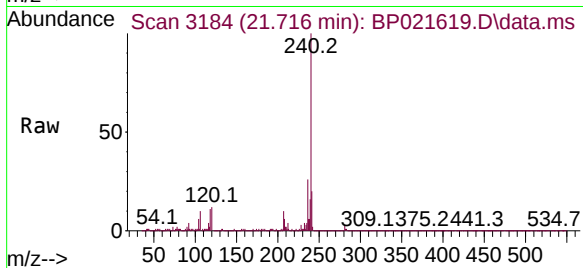
Tgt Ion:240 Resp: 1824677

Ion Ratio Lower Upper

240 100

120 11.8 9.9 14.9

236 26.1 20.6 30.8



#78

Pyrene

Concen: 2.916 ng

RT: 19.763 min Scan# 2852

Delta R.T. 0.006 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

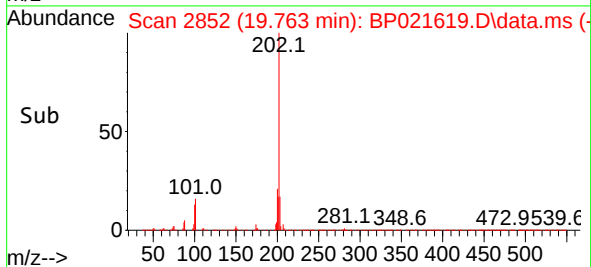
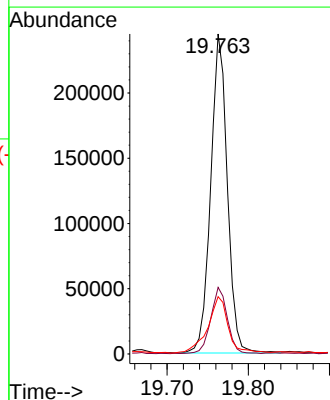
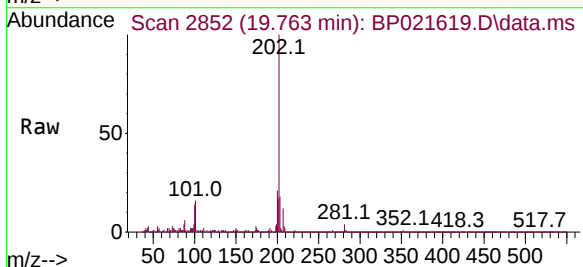
Tgt Ion:202 Resp: 347831

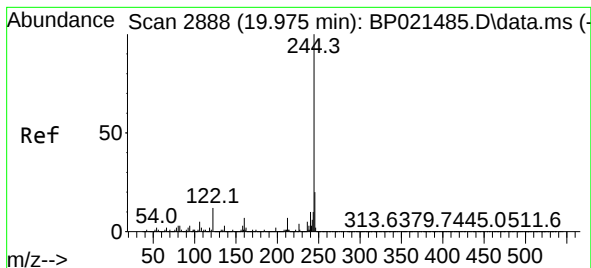
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 43.454 ng

RT: 19.980 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

Instrument :

BNA_P

ClientSampleId :

OU4-TS-09-080724

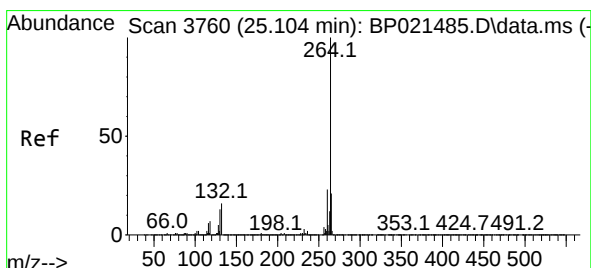
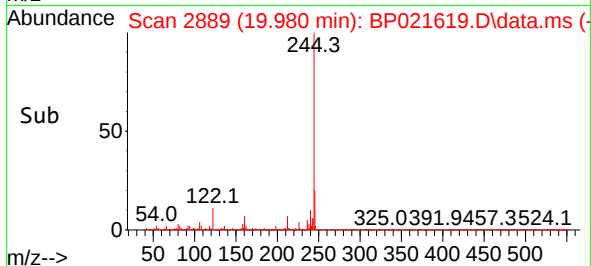
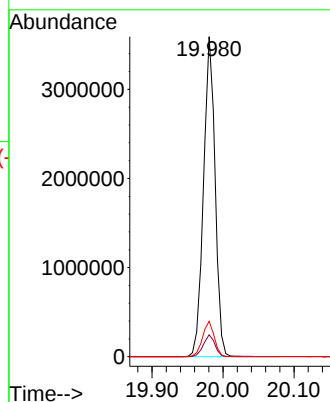
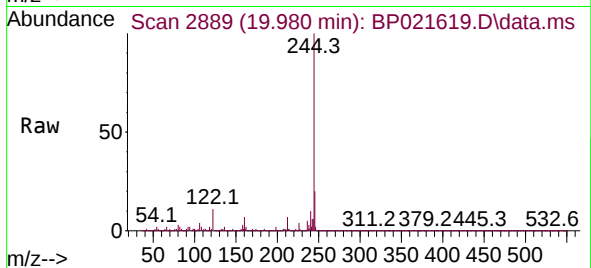
Tgt Ion:244 Resp: 4081360

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.1 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.145 min Scan# 3767

Delta R.T. -0.006 min

Lab File: BP021619.D

Acq: 22 Aug 2024 18:41

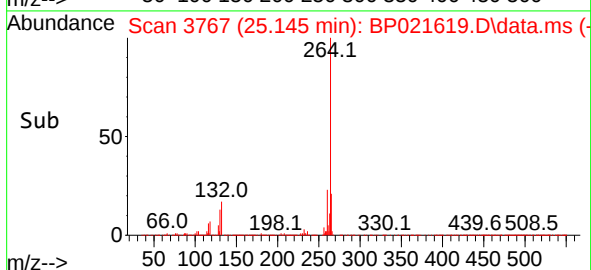
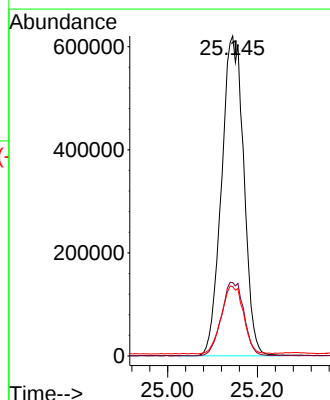
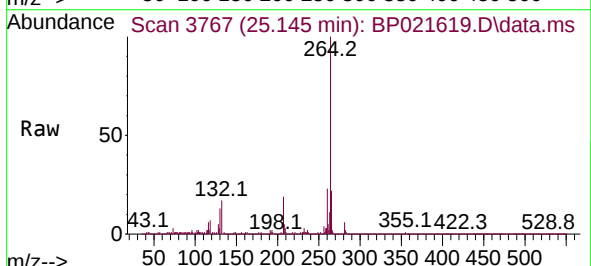
Tgt Ion:264 Resp: 2134055

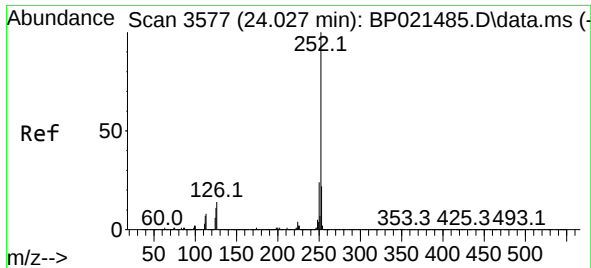
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.7 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.539 ng

RT: 24.063 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP021619.D

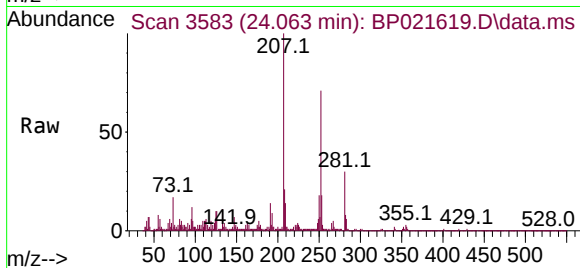
Acq: 22 Aug 2024 18:41

Instrument :

BNA_P

ClientSampleId :

OU4-TS-09-080724



Tgt Ion:252 Resp: 311178

Ion Ratio Lower Upper

252 100

253 24.9 17.6 26.4

125 13.8 8.6 13.0#

