

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021541.D
 Acq On : 16 Aug 2024 15:54
 Operator : RC/JU
 Sample : P3518-07RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-04-080724RE

Quant Time: Aug 16 16:21:44 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)

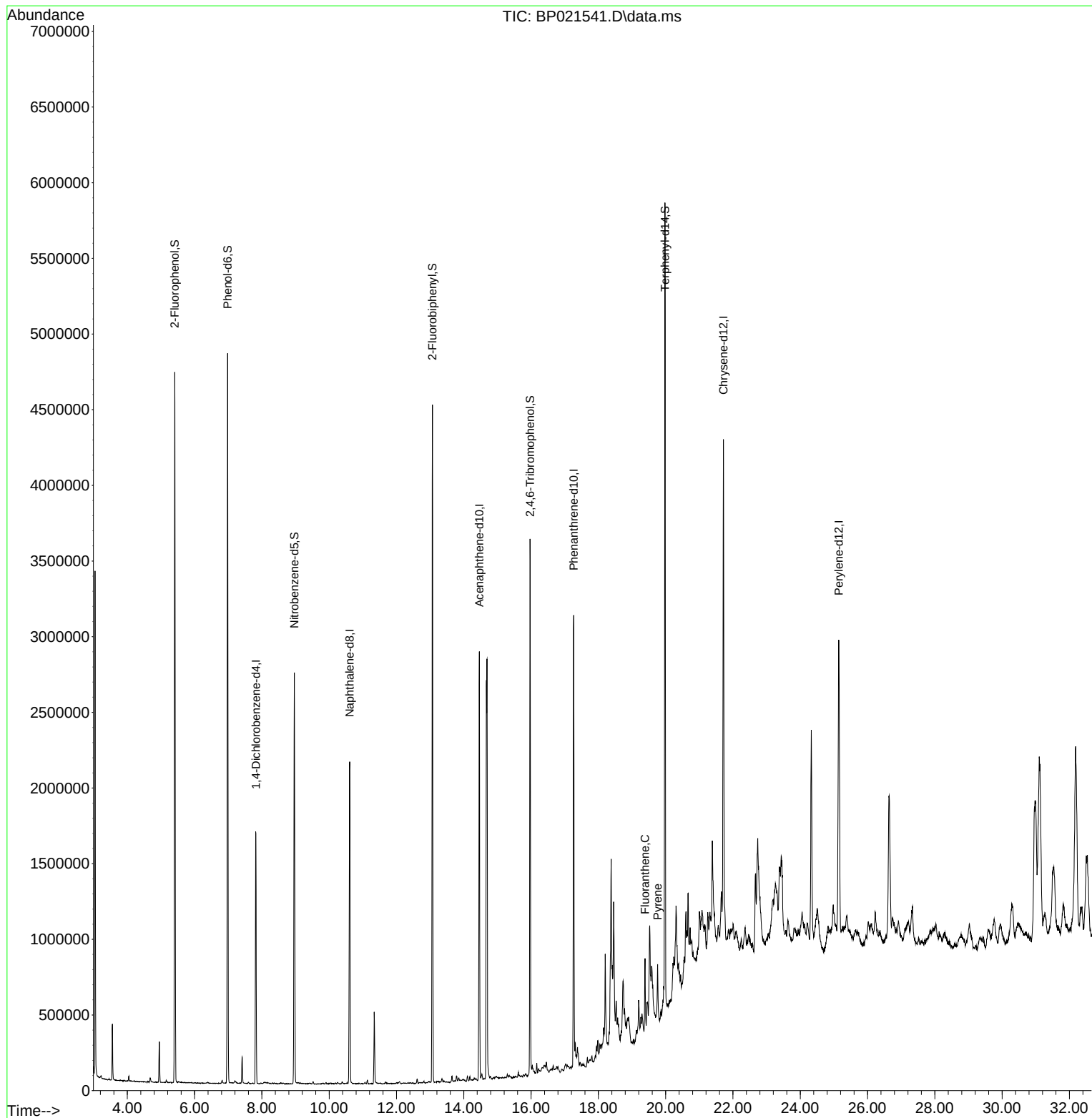
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	467262	20.000	ng	0.01
21) Naphthalene-d8	10.610	136	1831532	20.000	ng	0.01
39) Acenaphthene-d10	14.463	164	983158	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1814668	20.000	ng	0.02
76) Chrysene-d12	21.716	240	1720162	20.000	ng	0.02
86) Perylene-d12	25.145	264	2107755	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	2142603	68.087	ng	0.02
7) Phenol-d6	6.981	99	3020891	65.807	ng	0.02
23) Nitrobenzene-d5	8.963	82	1732640	48.828	ng	0.01
42) 2,4,6-Tribromophenol	15.975	330	673344	61.537	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2273211	35.287	ng	0.00
79) Terphenyl-d14	19.980	244	2751973	31.080	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.386	202	274944	2.568	ng	100
78) Pyrene	19.763	202	247156	2.198	ng	100

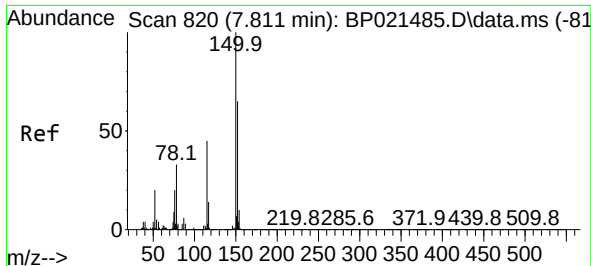
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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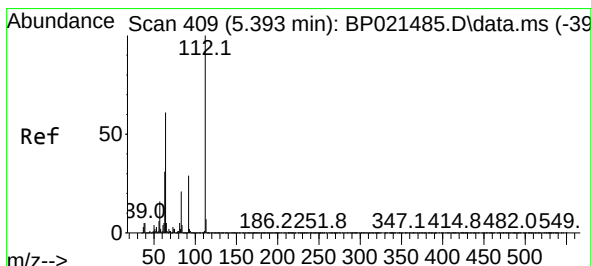
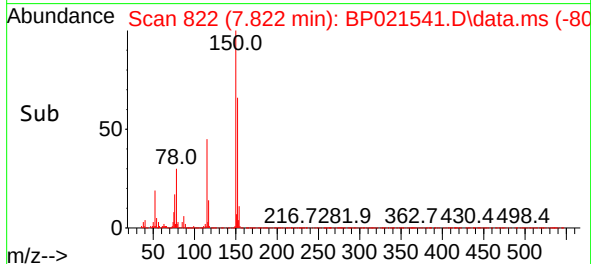
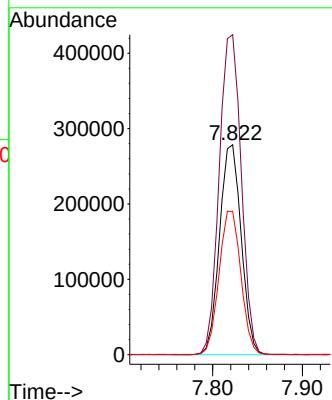
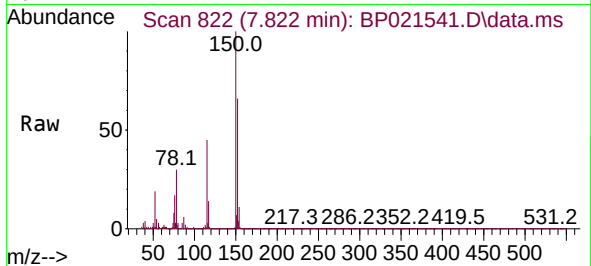




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.011 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

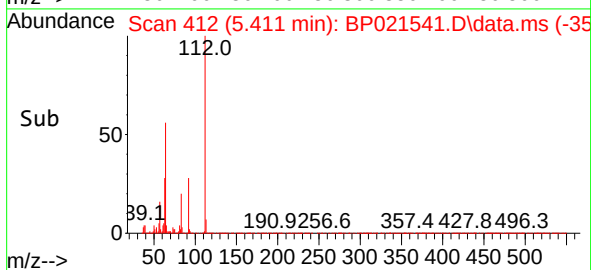
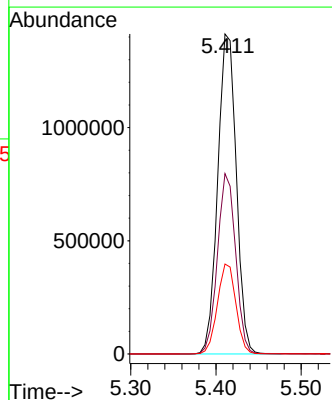
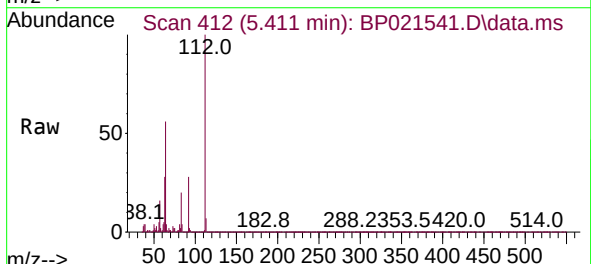
Instrument :
BNA_P
ClientSampleId :
OU4-TS-04-080724RE

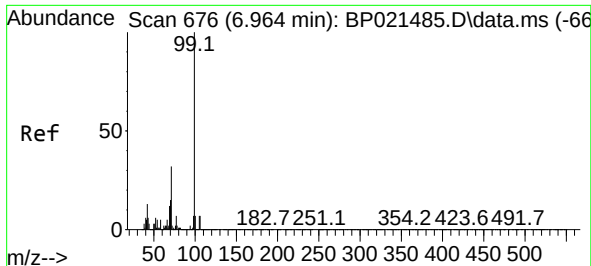
Tgt Ion:152 Resp: 467262
Ion Ratio Lower Upper
152 100
150 152.4 122.4 183.6
115 68.3 54.7 82.1



#5
2-Fluorophenol
Concen: 68.087 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

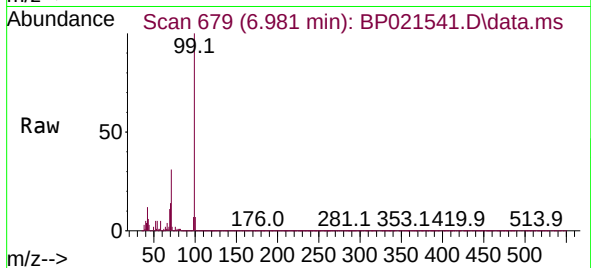
Tgt Ion:112 Resp: 2142603
Ion Ratio Lower Upper
112 100
64 56.4 49.0 73.6
63 28.1 24.6 36.8



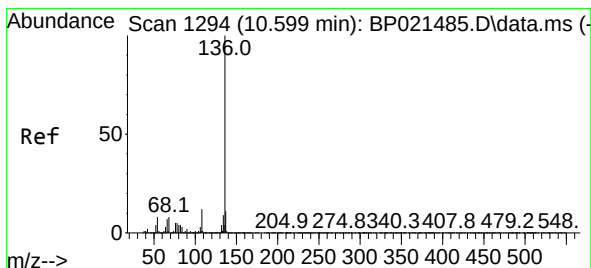
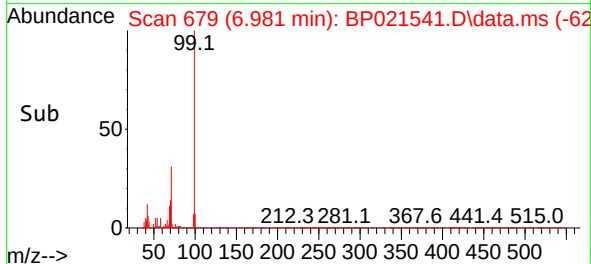
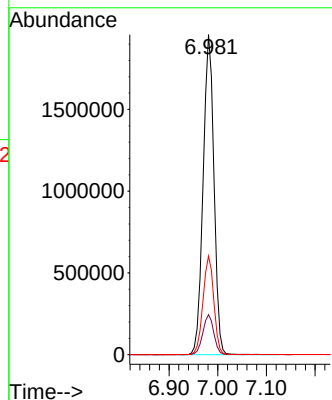


#7
Phenol-d6
Concen: 65.807 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Instrument :
BNA_P
ClientSampleId :
OU4-TS-04-080724RE

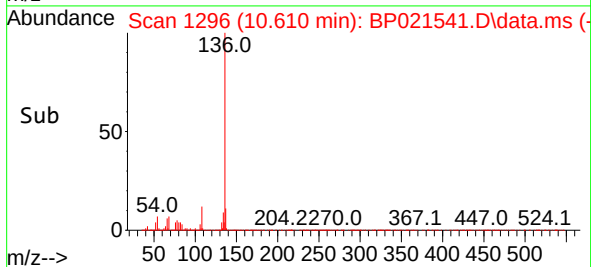
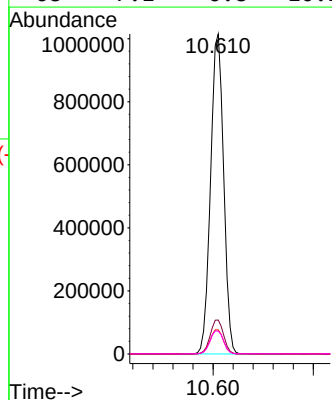
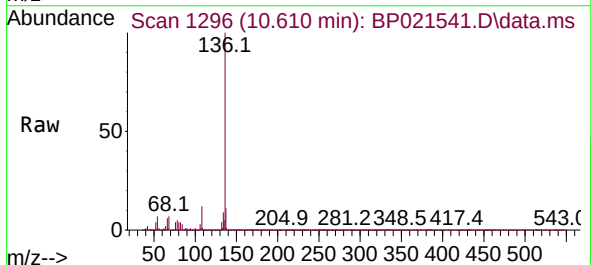


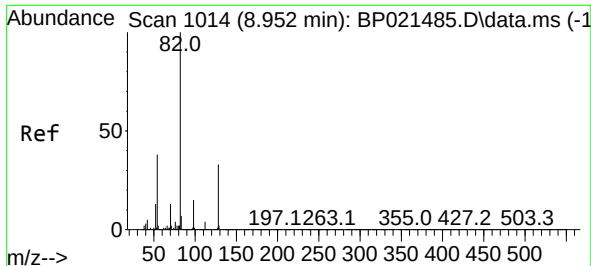
Tgt Ion: 99 Resp: 3020891
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.011 min
Lab File: BP021541.D
Acq: 16 Aug 2024 15:54

Tgt Ion: 136 Resp: 1831532
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 6.3 9.5
68 7.1 6.8 10.2





#23

Nitrobenzene-d5

Concen: 48.828 ng

RT: 8.963 min Scan# 1016

Delta R.T. 0.012 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-04-080724RE

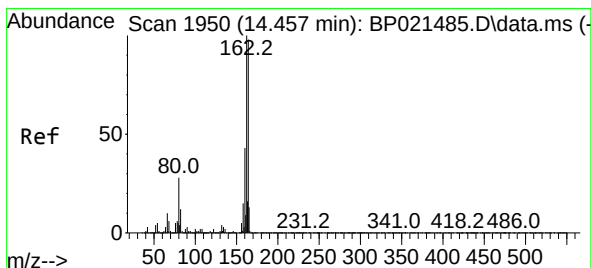
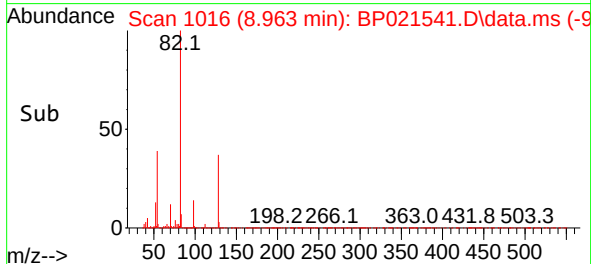
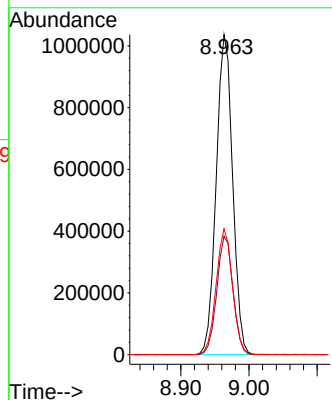
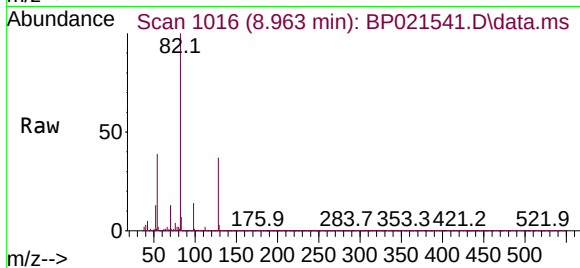
Tgt Ion: 82 Resp: 1732640

Ion Ratio Lower Upper

82 100

128 37.1 26.5 39.7

54 39.4 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: BP021541.D

Acq: 16 Aug 2024 15:54

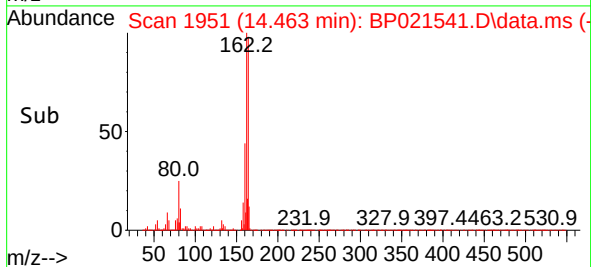
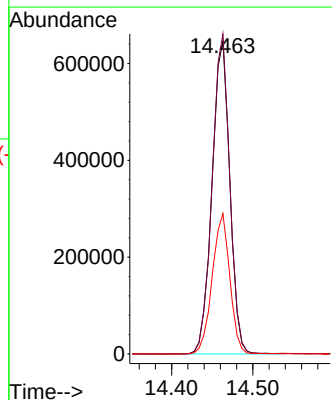
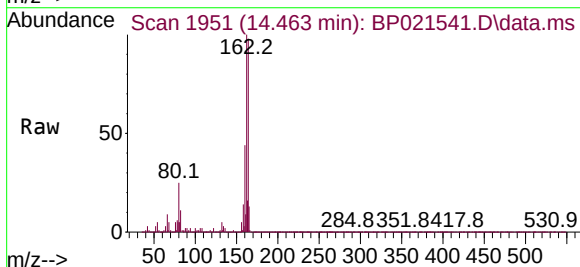
Tgt Ion: 164 Resp: 983158

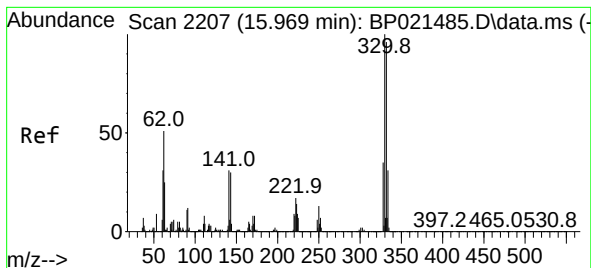
Ion Ratio Lower Upper

164 100

162 102.3 81.5 122.3

160 44.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 61.537 ng

RT: 15.975 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-04-080724RE

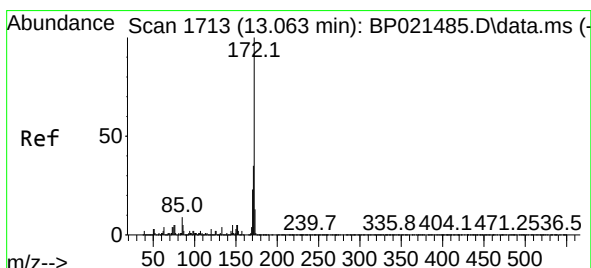
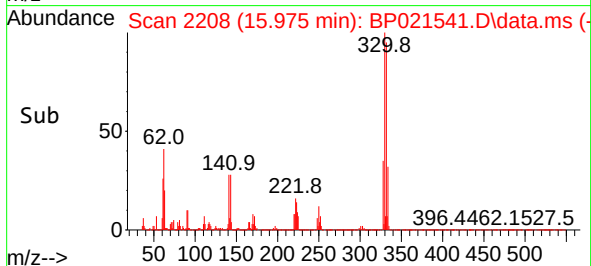
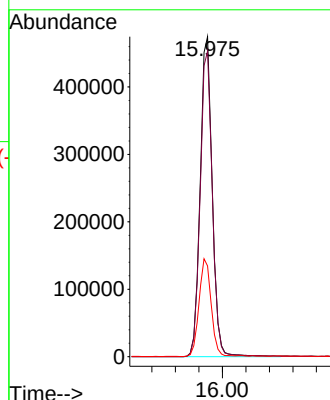
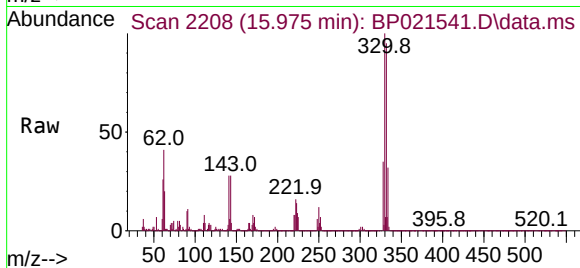
Tgt Ion:330 Resp: 673344

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 30.9 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 35.287 ng

RT: 13.069 min Scan# 1714

Delta R.T. 0.006 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

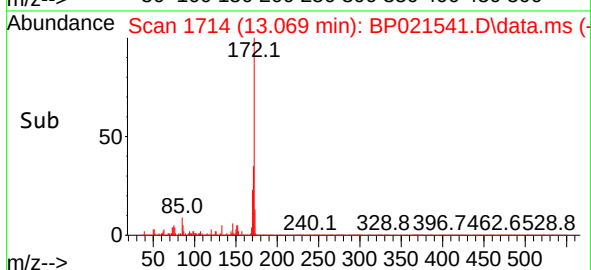
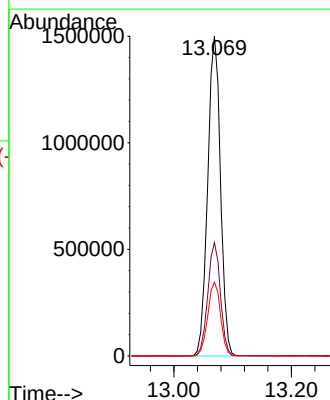
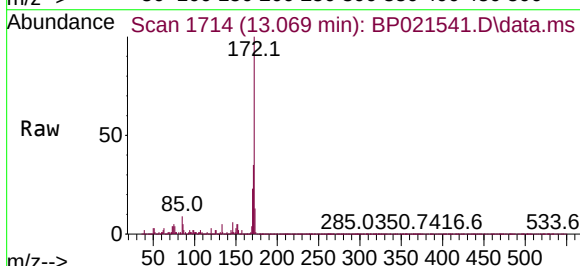
Tgt Ion:172 Resp: 2273211

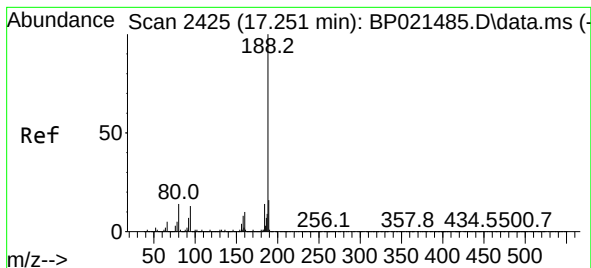
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.269 min Scan# 2425

Delta R.T. 0.018 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-04-080724RE

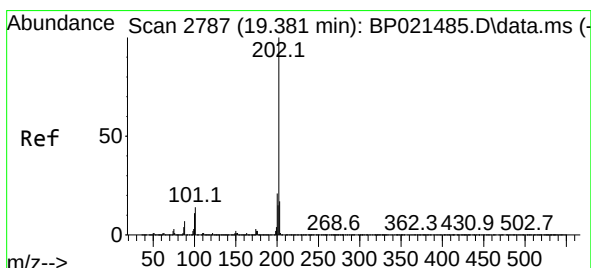
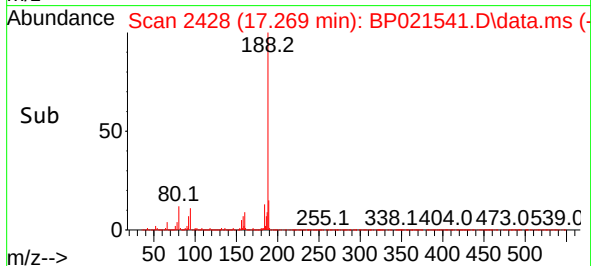
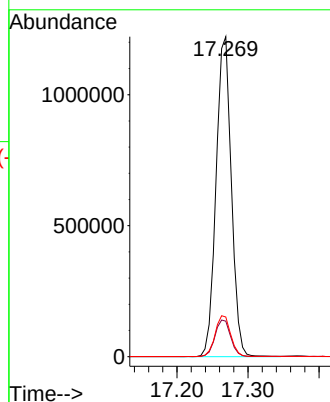
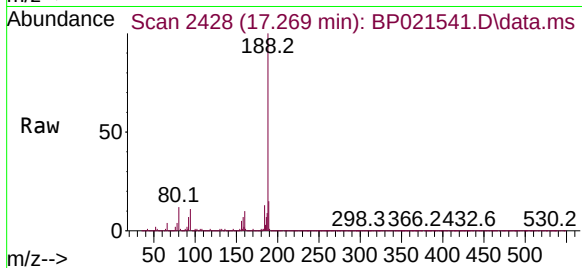
Tgt Ion:188 Resp: 1814668

Ion Ratio Lower Upper

188 100

94 11.1 10.2 15.4

80 12.4 11.6 17.4



#75

Fluoranthene

Concen: 2.568 ng

RT: 19.386 min Scan# 2788

Delta R.T. 0.006 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

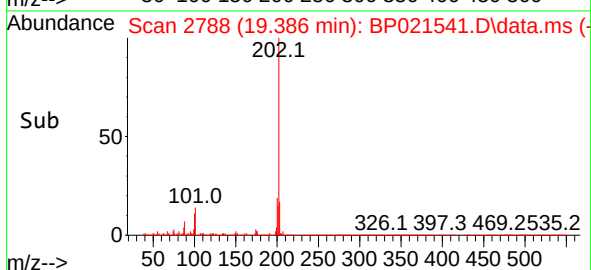
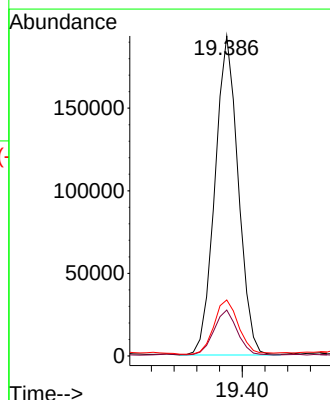
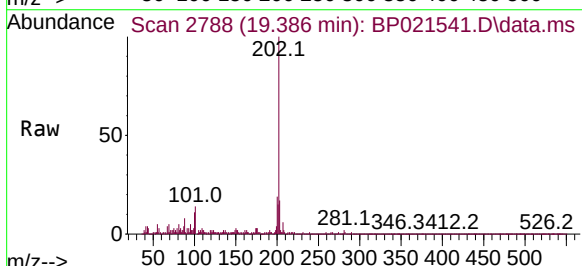
Tgt Ion:202 Resp: 274944

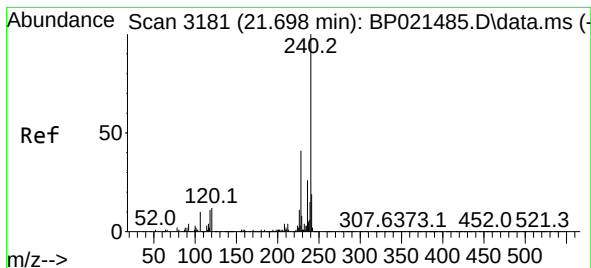
Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.0

203 17.5 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 3181

Delta R.T. 0.018 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

Instrument :

BNA_P

ClientSampleId :

OU4-TS-04-080724RE

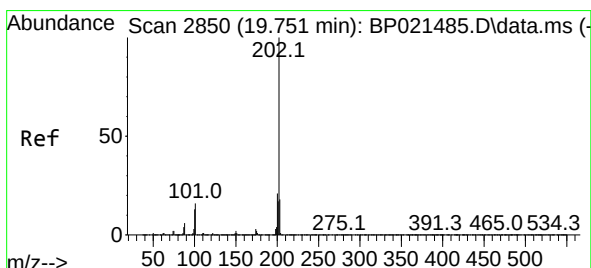
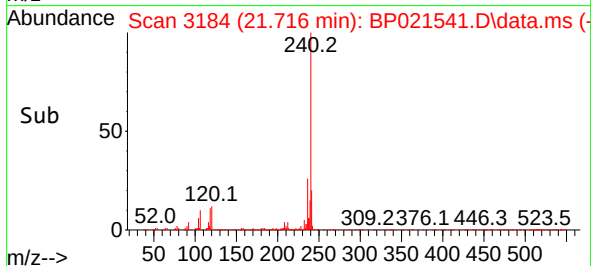
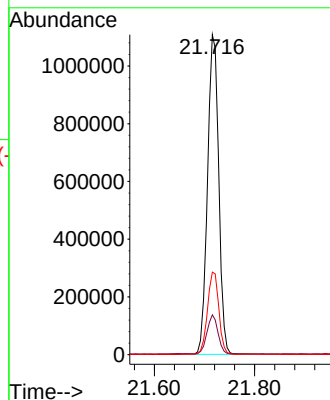
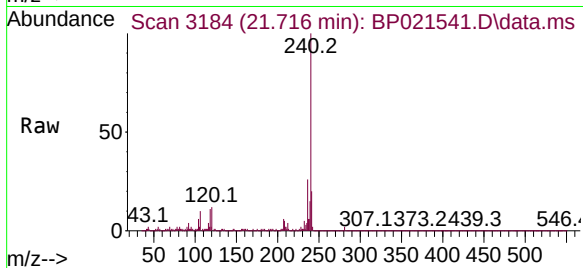
Tgt Ion:240 Resp: 1720162

Ion Ratio Lower Upper

240 100

120 12.5 9.9 14.9

236 25.8 20.6 30.8



#78

Pyrene

Concen: 2.198 ng

RT: 19.763 min Scan# 2852

Delta R.T. 0.012 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

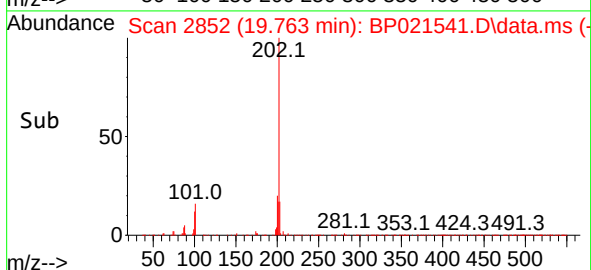
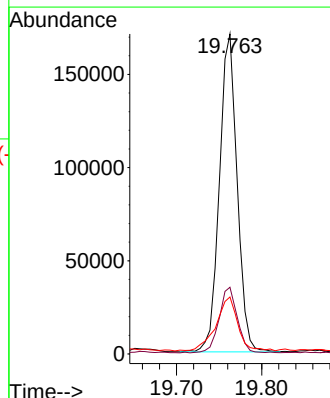
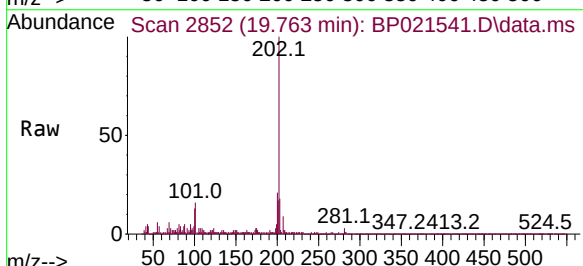
Tgt Ion:202 Resp: 247156

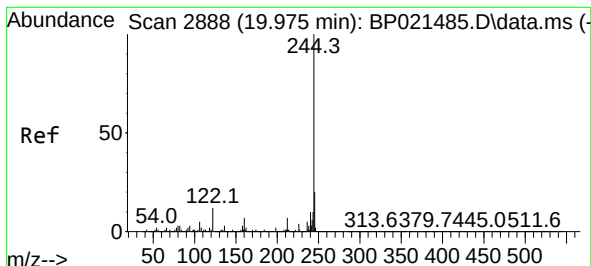
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 31.080 ng

RT: 19.980 min Scan# 21

Delta R.T. 0.005 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

Instrument :

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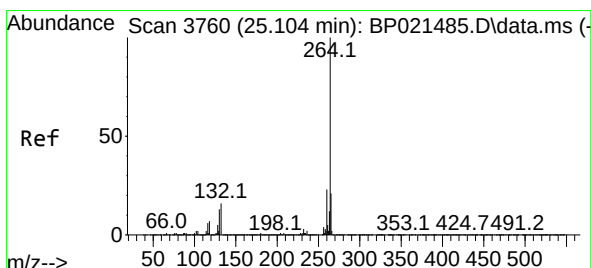
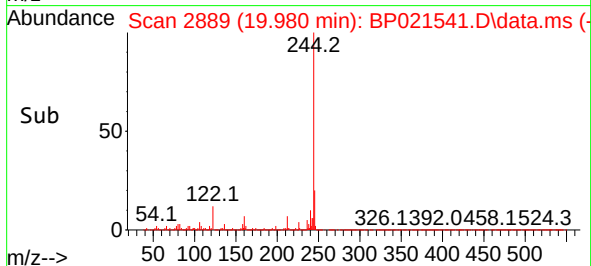
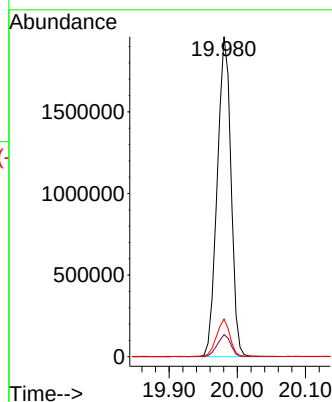
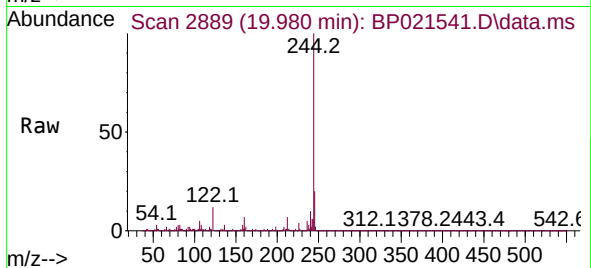
Tgt Ion:244 Resp: 2751973

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.8 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.145 min Scan# 3767

Delta R.T. 0.041 min

Lab File: BP021541.D

Acq: 16 Aug 2024 15:54

Tgt Ion:264 Resp: 2107755

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.8 17.1 25.7

