

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021593.D
 Acq On : 21 Aug 2024 10:52
 Operator : RC/JU
 Sample : PB162788BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162788BL

Quant Time: Aug 21 11:19:43 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	7.805	152	378034	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1462908	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	910755	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2055959	20.000	ng	0.01
76) Chrysene-d12	21.722	240	2128573	20.000	ng	0.02
86) Perylene-d12	25.168	264	2476214	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	3269494	128.421	ng	0.01
7) Phenol-d6	6.969	99	4263263	114.792	ng	0.00
23) Nitrobenzene-d5	8.952	82	2556716	90.207	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1546323	152.552	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4753254	79.651	ng	0.00
79) Terphenyl-d14	19.998	244	8820927	80.508	ng	0.02

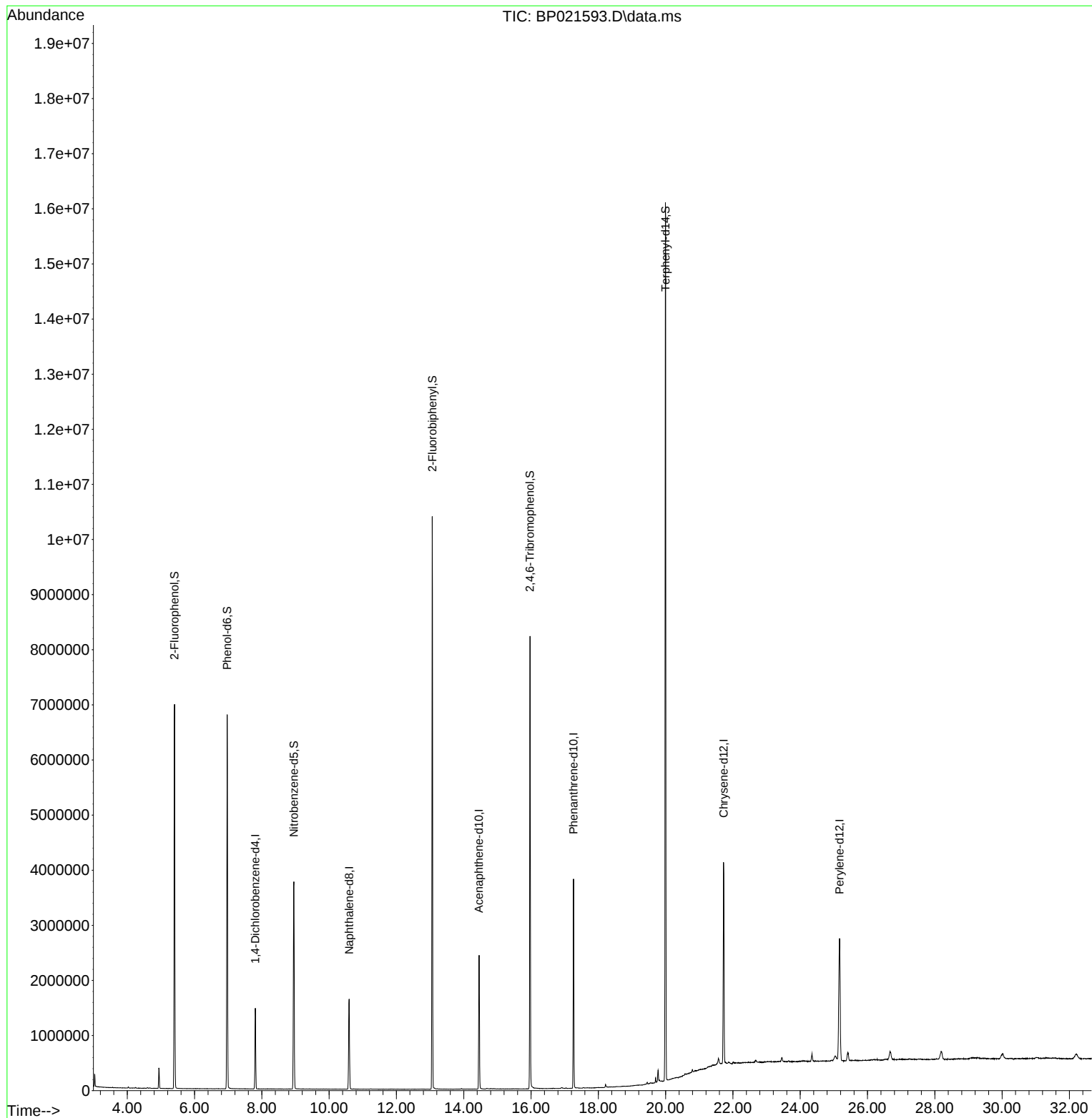
Target Compounds	Qvalue

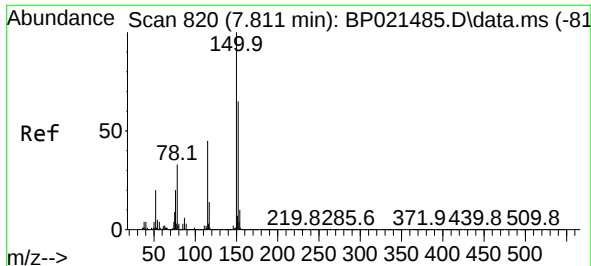
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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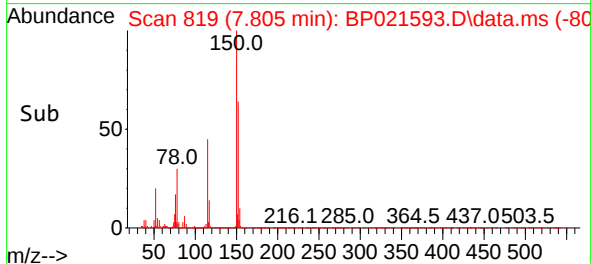
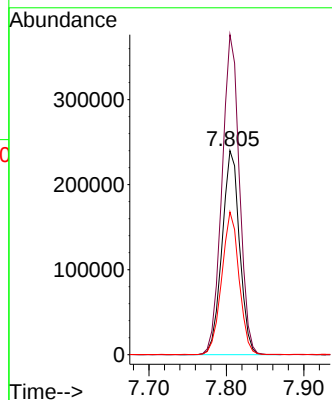
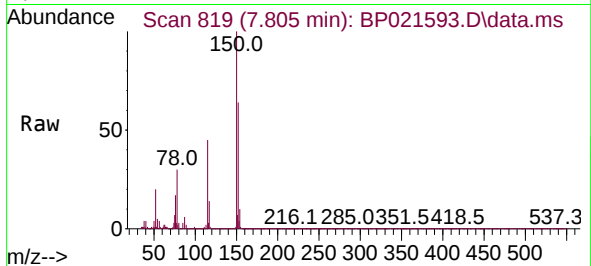




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021593.D
Acq: 21 Aug 2024 10:52

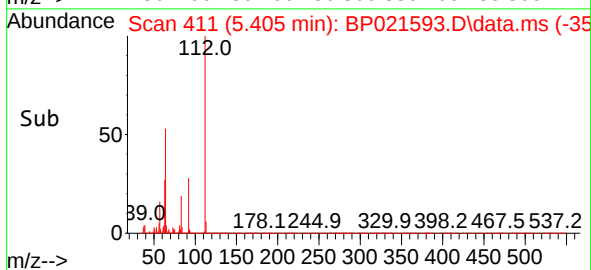
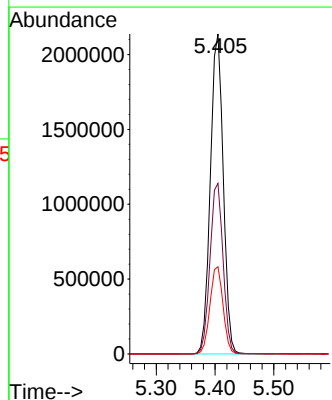
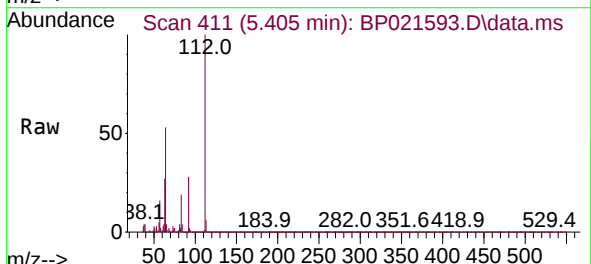
Instrument :
BNA_P
ClientSampleId :
PB162788BL

Tgt Ion:152 Resp: 378034
Ion Ratio Lower Upper
152 100
150 156.8 122.4 183.6
115 69.9 54.7 82.1



#5
2-Fluorophenol
Concen: 128.421 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021593.D
Acq: 21 Aug 2024 10:52

Tgt Ion:112 Resp: 3269494
Ion Ratio Lower Upper
112 100
64 53.3 49.0 73.6
63 27.3 24.6 36.8

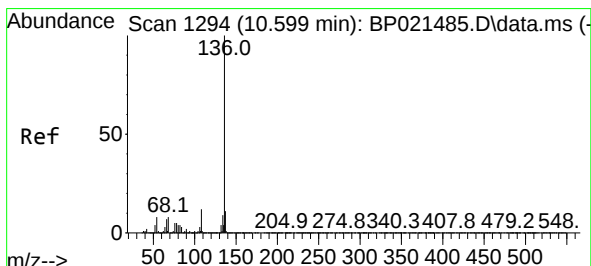
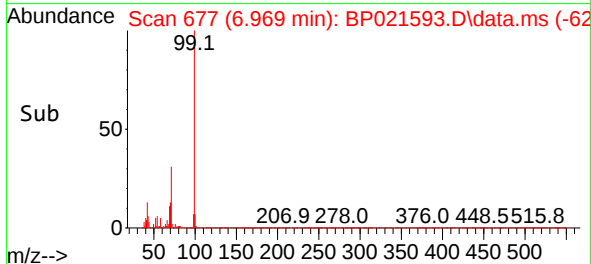
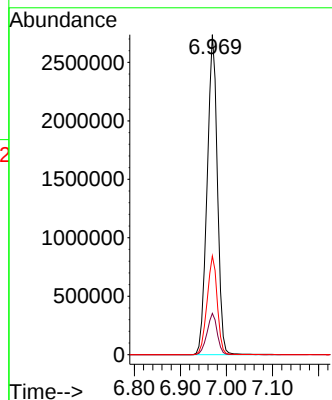
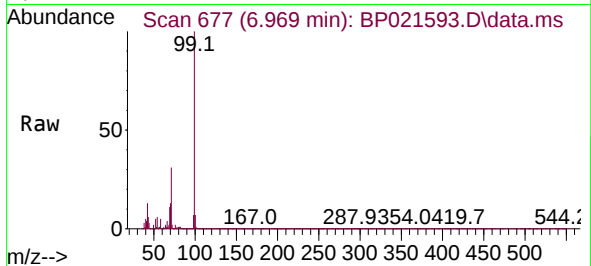




#7
Phenol-d6
Concen: 114.792 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021593.D
Acq: 21 Aug 2024 10:52

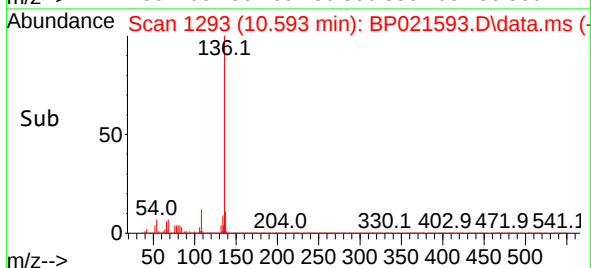
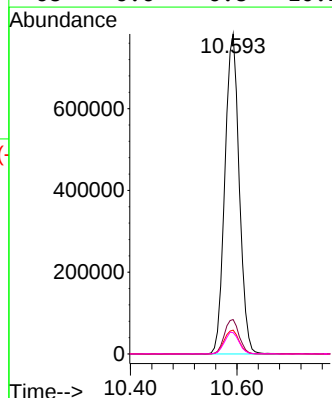
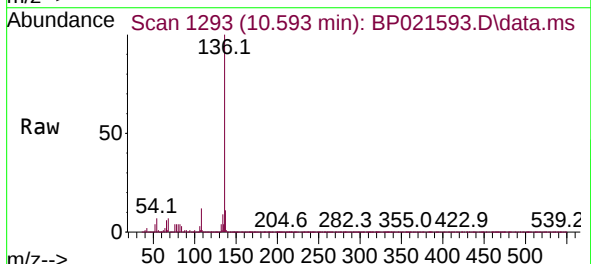
Instrument :
BNA_P
ClientSampleId :
PB162788BL

Tgt Ion: 99 Resp: 4263263
Ion Ratio Lower Upper
99 100
42 12.9 10.2 15.4
71 30.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021593.D
Acq: 21 Aug 2024 10:52

Tgt Ion:136 Resp: 1462908
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.5 6.3 9.5
68 6.6 6.8 10.2#





#23

Nitrobenzene-d5

Concen: 90.207 ng

RT: 8.952 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BP021593.D

Acq: 21 Aug 2024 10:52

Instrument :

BNA_P

ClientSampleId :

PB162788BL

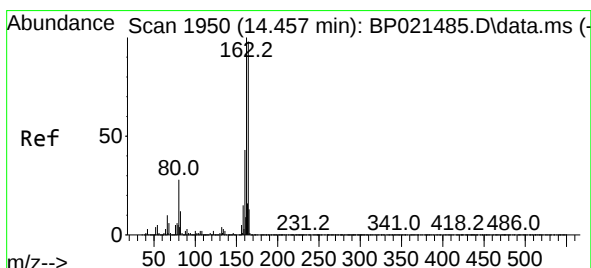
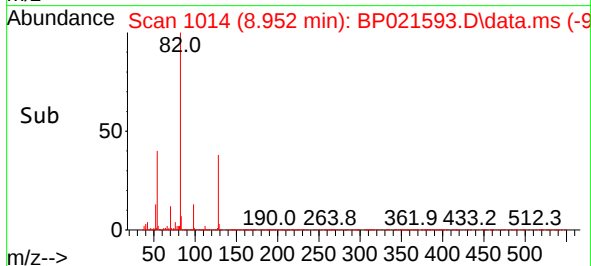
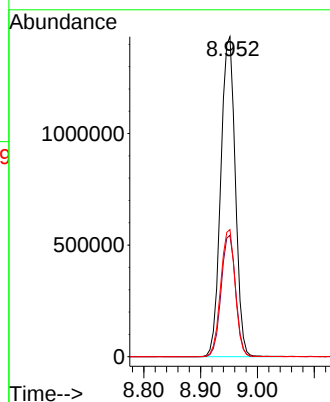
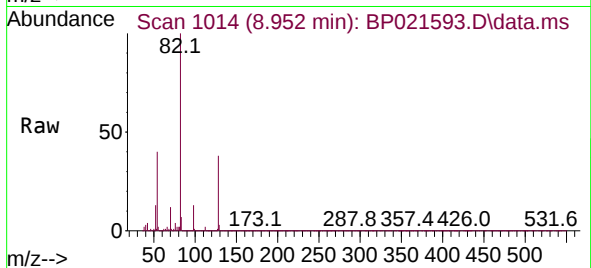
Tgt Ion: 82 Resp: 2556716

Ion Ratio Lower Upper

82 100

128 37.9 26.5 39.7

54 39.7 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: BP021593.D

Acq: 21 Aug 2024 10:52

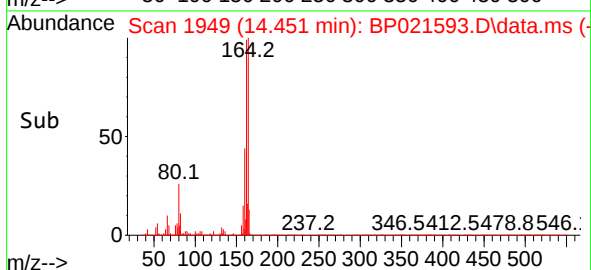
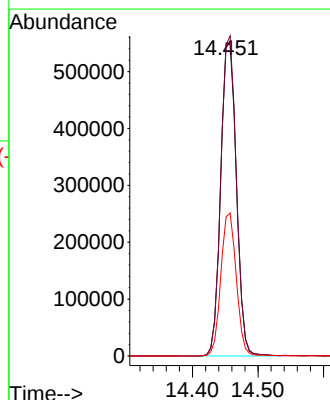
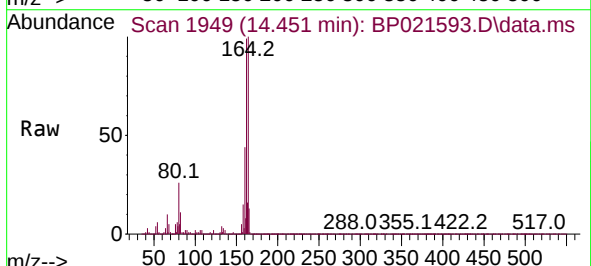
Tgt Ion:164 Resp: 910755

Ion Ratio Lower Upper

164 100

162 99.4 81.5 122.3

160 44.5 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 152.552 ng

RT: 15.969 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021593.D

Acq: 21 Aug 2024 10:52

Instrument :

BNA_P

ClientSampleId :

PB162788BL

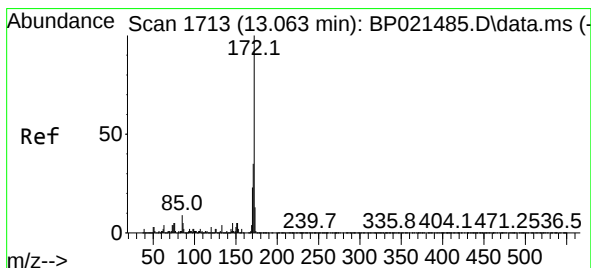
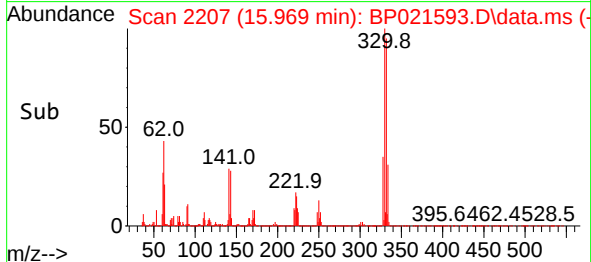
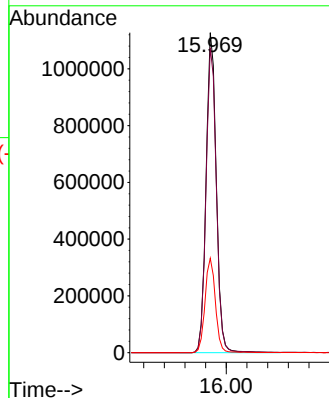
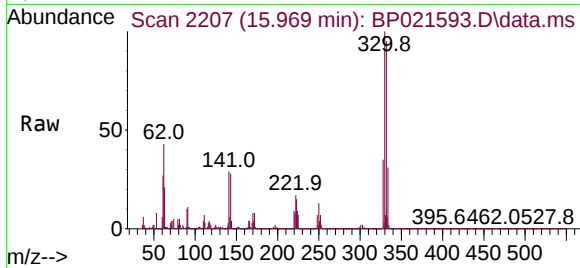
Tgt Ion:330 Resp: 1546323

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 30.1 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 79.651 ng

RT: 13.063 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BP021593.D

Acq: 21 Aug 2024 10:52

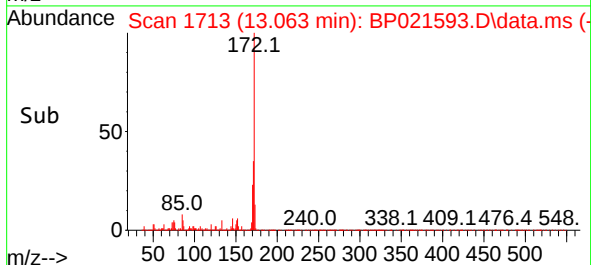
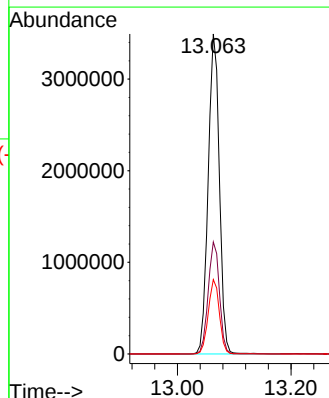
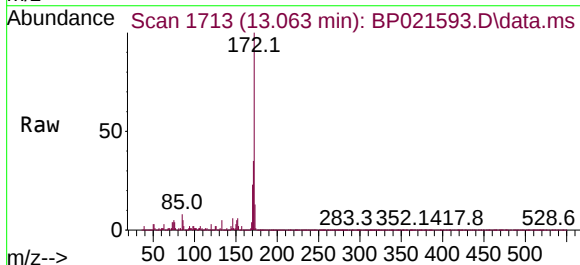
Tgt Ion:172 Resp: 4753254

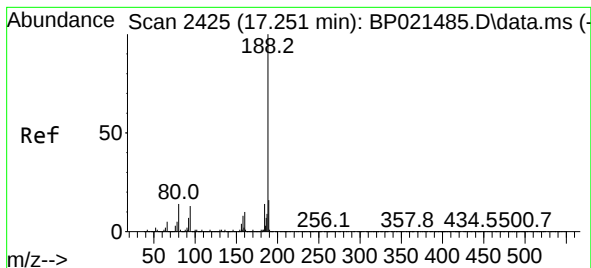
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.3 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2427

Delta R.T. 0.012 min

Lab File: BP021593.D

Acq: 21 Aug 2024 10:52

Instrument :

BNA_P

ClientSampleId :

PB162788BL

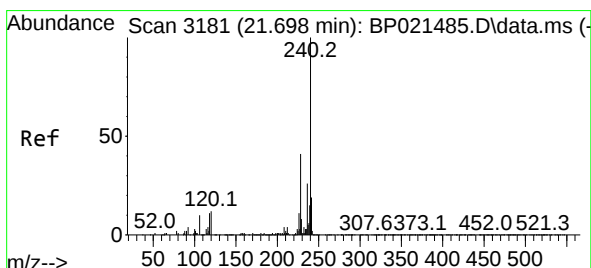
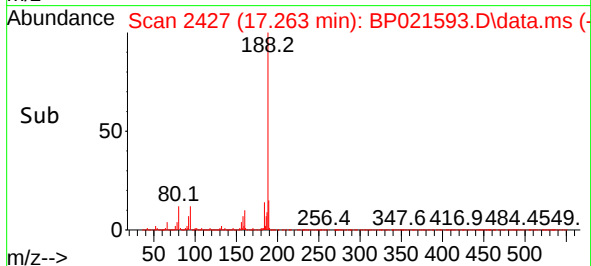
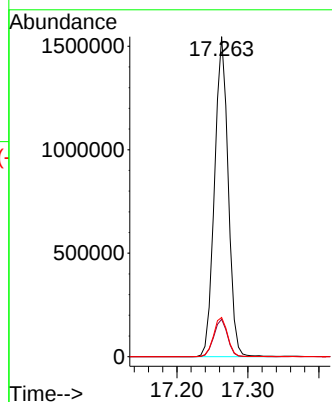
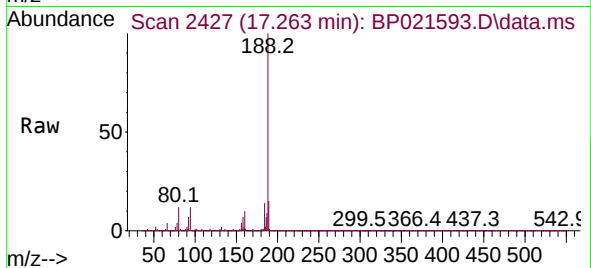
Tgt Ion:188 Resp: 2055959

Ion Ratio Lower Upper

188 100

94 11.7 10.2 15.4

80 12.2 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3185

Delta R.T. 0.024 min

Lab File: BP021593.D

Acq: 21 Aug 2024 10:52

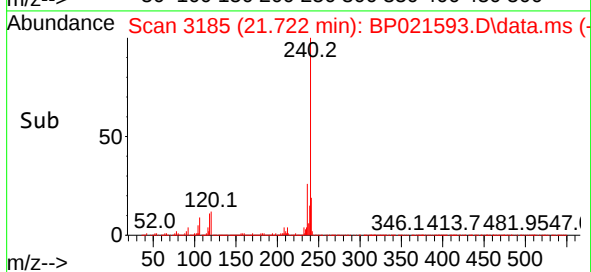
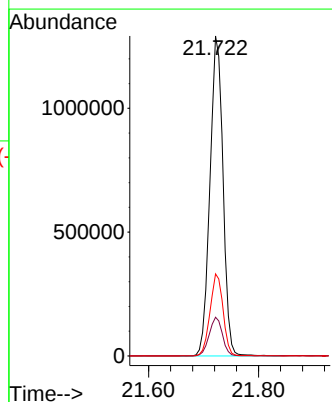
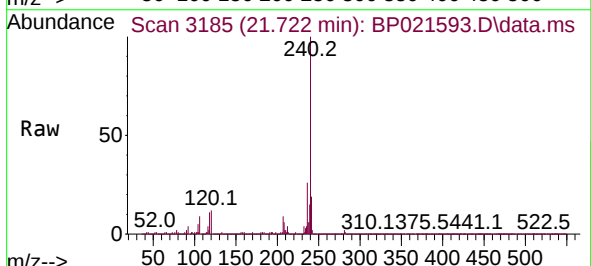
Tgt Ion:240 Resp: 2128573

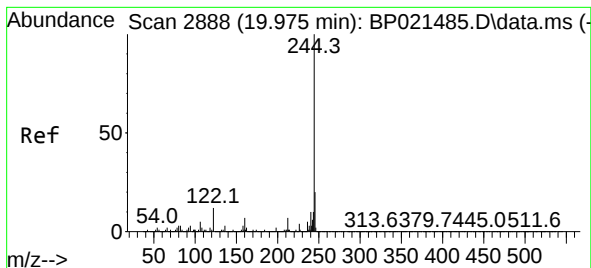
Ion Ratio Lower Upper

240 100

120 12.1 9.9 14.9

236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 80.508 ng

RT: 19.998 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP021593.D

Acq: 21 Aug 2024 10:52

Instrument :

BNA_P

ClientSampleId :

PB162788BL

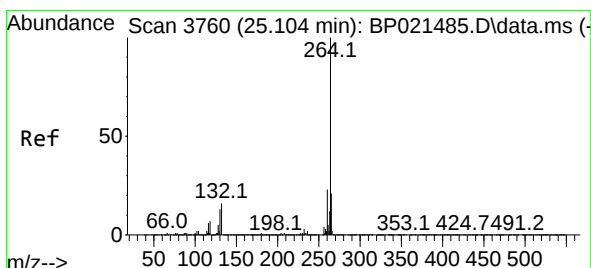
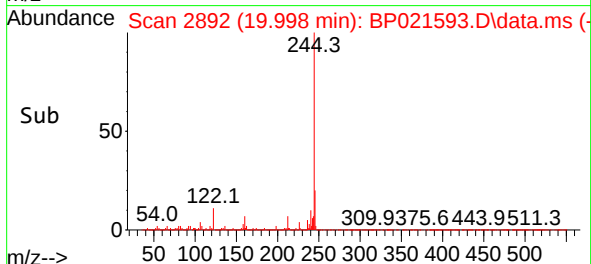
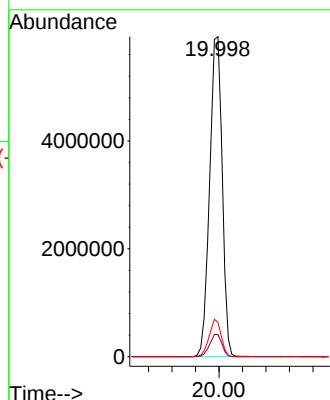
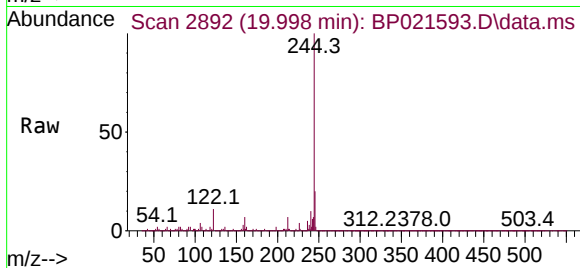
Tgt Ion:244 Resp: 8820927

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.7 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.065 min

Lab File: BP021593.D

Acq: 21 Aug 2024 10:52

Tgt Ion:264 Resp: 2476214

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.6 17.1 25.7

