

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021577.D
 Acq On : 20 Aug 2024 18:07
 Operator : RC/JU
 Sample : P3643-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 924-K1-SD-0.5-1.0-081524

Quant Time: Aug 21 00:25:11 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	7.804	152	277615	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1104429	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	726994	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1627467	20.000	ng	0.01
76) Chrysene-d12	21.727	240	1759971	20.000	ng	0.03
86) Perylene-d12	25.168	264	2065441	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1784732	95.459	ng	0.00
7) Phenol-d6	6.969	99	2477907	90.853	ng	0.00
23) Nitrobenzene-d5	8.951	82	1440370	67.315	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	876180	108.289	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2509438	52.680	ng	0.00
79) Terphenyl-d14	19.986	244	4762566	52.571	ng	0.01

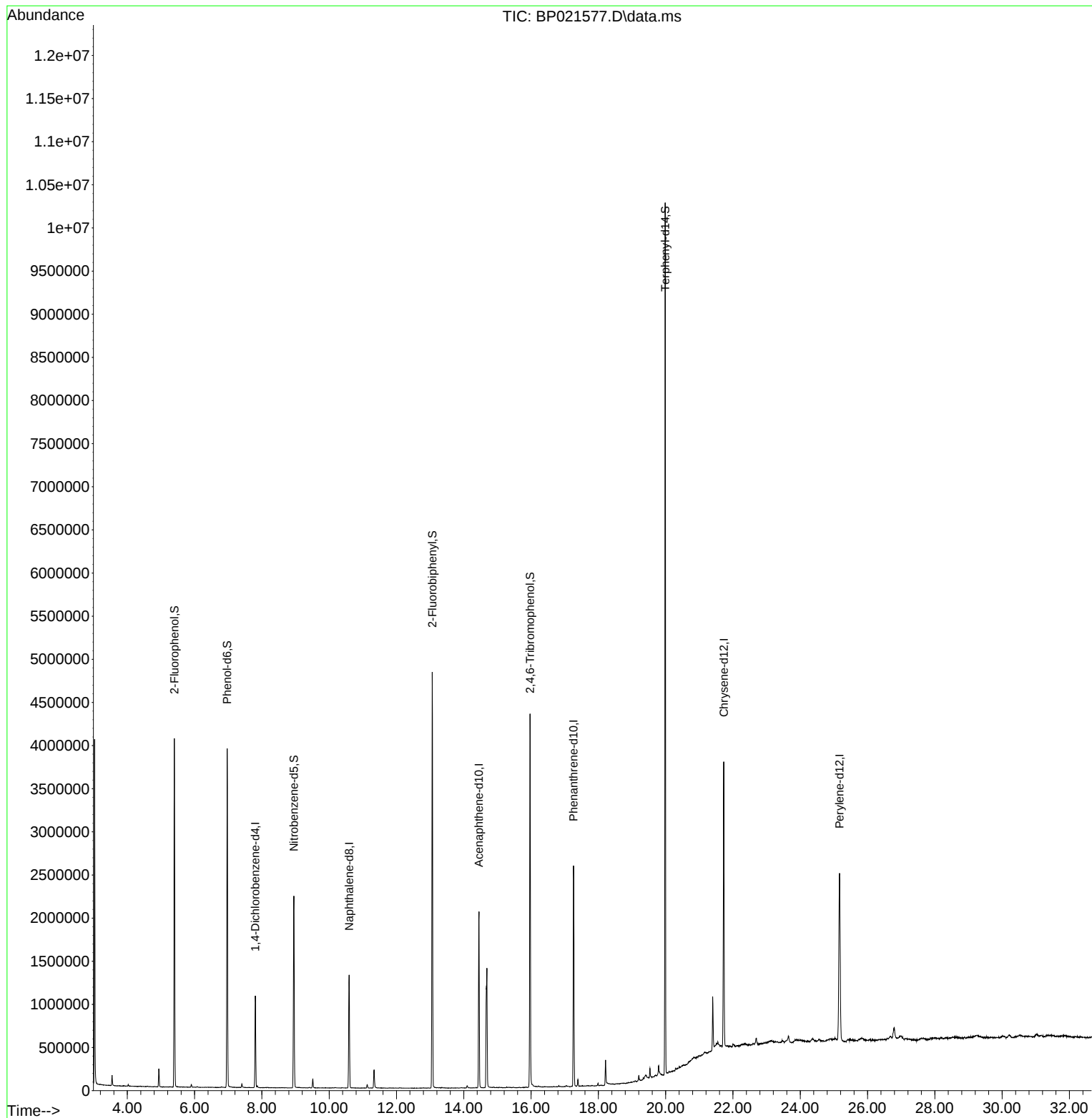
Target Compounds	Qvalue

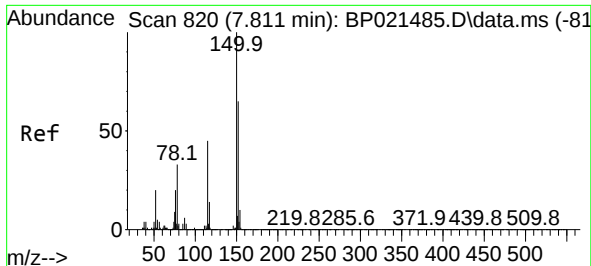
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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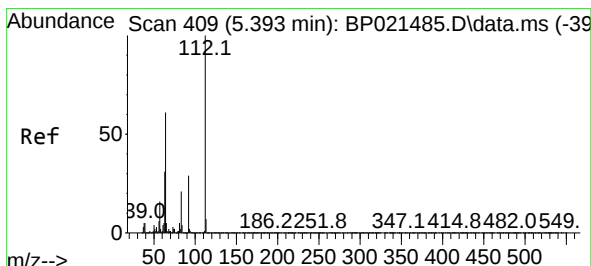
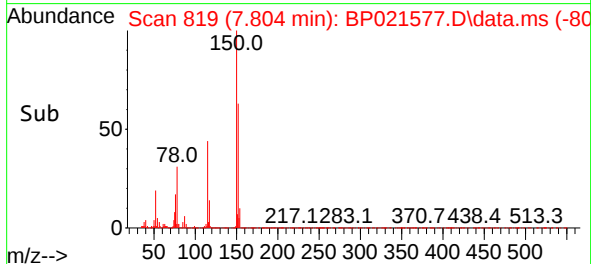
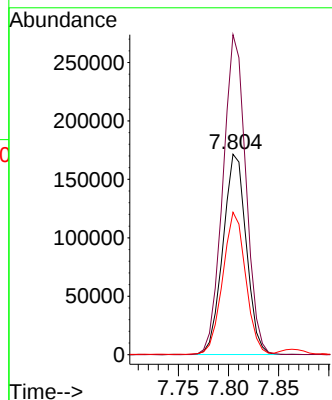
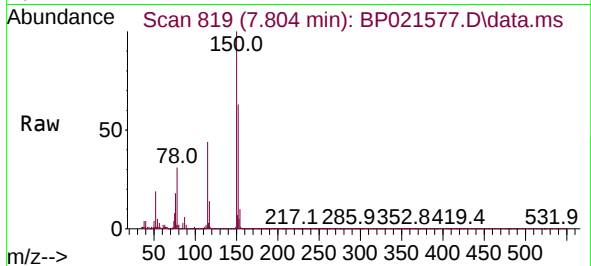




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BP021577.D
 Acq: 20 Aug 2024 18:07

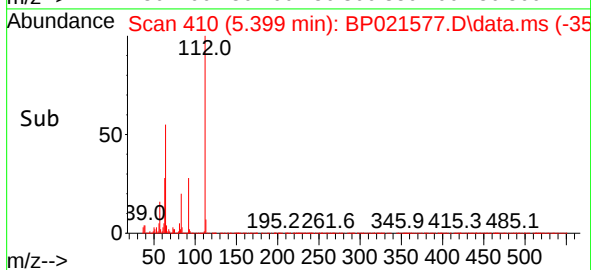
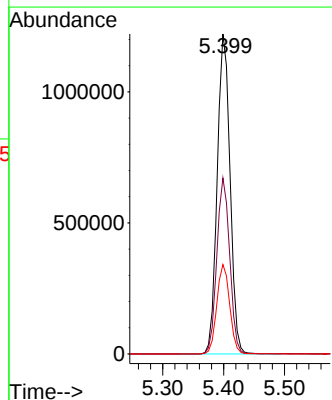
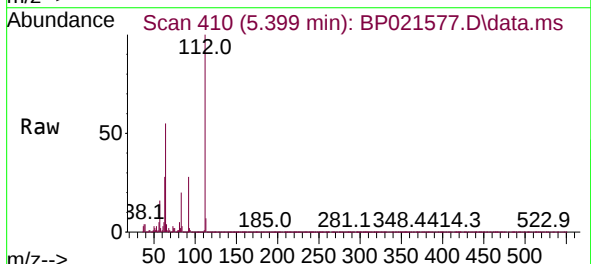
Instrument :
 BNA_P
 ClientSampleId :
 924-K1-SD-0.5-1.0-081524

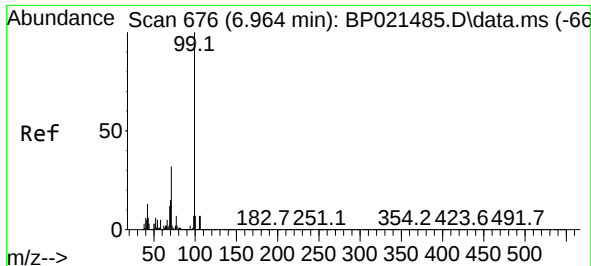
Tgt Ion:152 Resp: 277615
 Ion Ratio Lower Upper
 152 100
 150 159.6 122.4 183.6
 115 71.0 54.7 82.1



#5
 2-Fluorophenol
 Concen: 95.459 ng
 RT: 5.399 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: BP021577.D
 Acq: 20 Aug 2024 18:07

Tgt Ion:112 Resp: 1784732
 Ion Ratio Lower Upper
 112 100
 64 55.0 49.0 73.6
 63 28.0 24.6 36.8





#7

Phenol-d6

Concen: 90.853 ng

RT: 6.969 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Instrument :

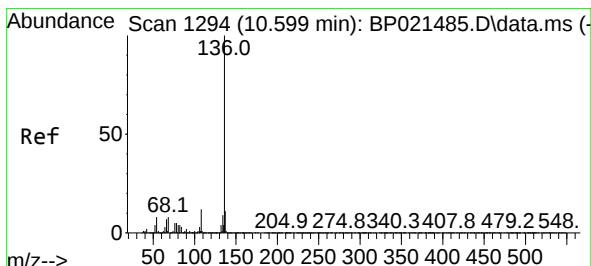
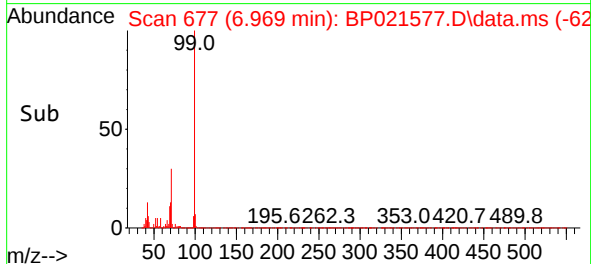
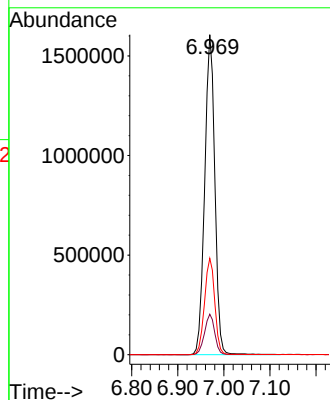
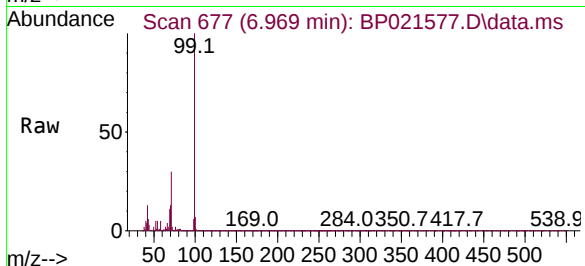
BNA_P

ClientSampleId :

924-K1-SD-0.5-1.0-081524

Tgt Ion: 99 Resp: 2477907

Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.2	15.4
71	30.1	25.8	38.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.593 min Scan# 1293

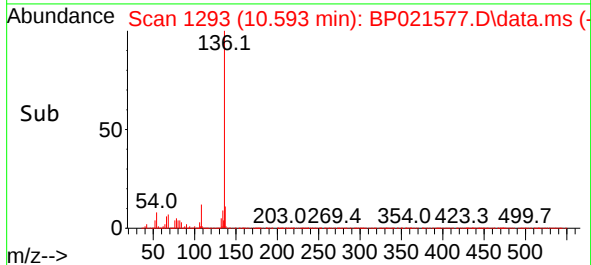
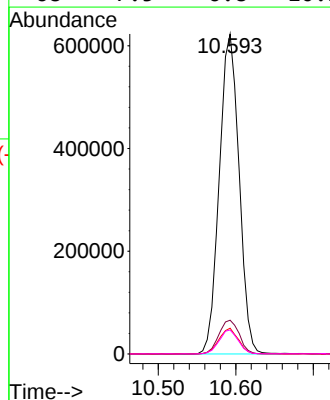
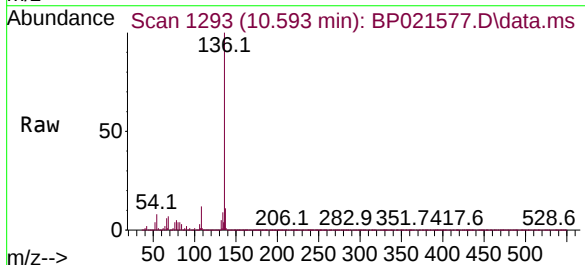
Delta R.T. -0.006 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Tgt Ion:136 Resp: 1104429

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.1	6.3	9.5
68	7.5	6.8	10.2

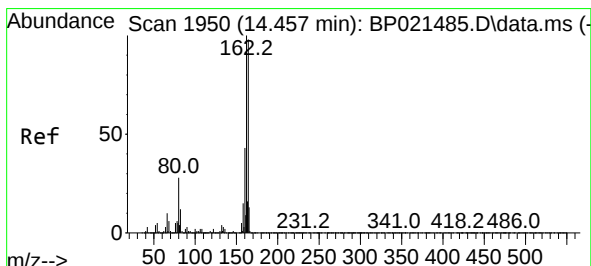
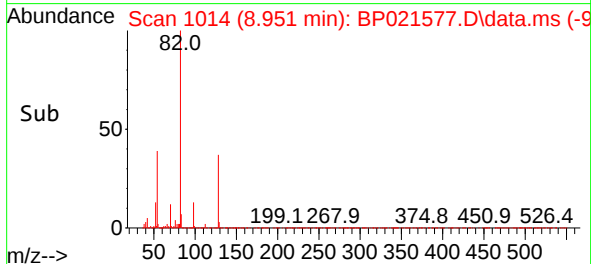
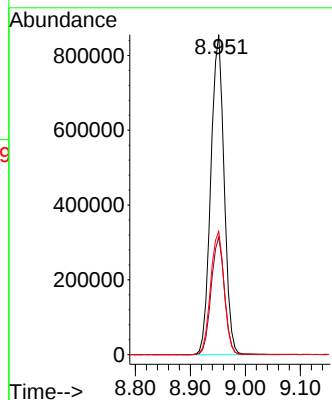
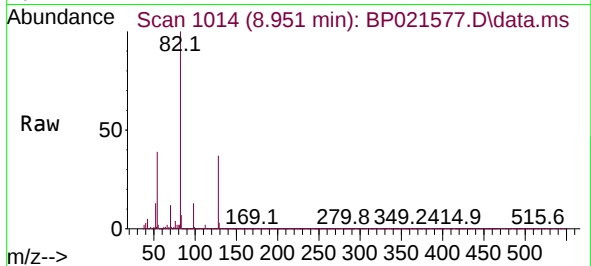




#23
Nitrobenzene-d5
Concen: 67.315 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021577.D
Acq: 20 Aug 2024 18:07

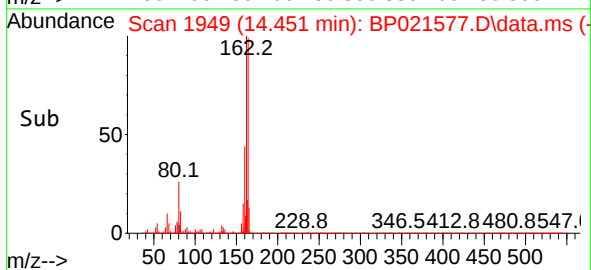
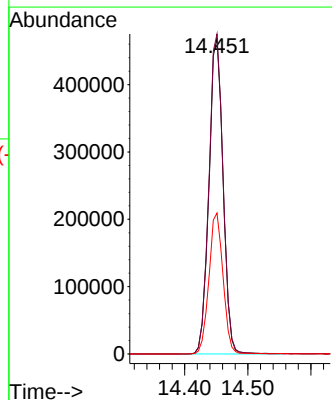
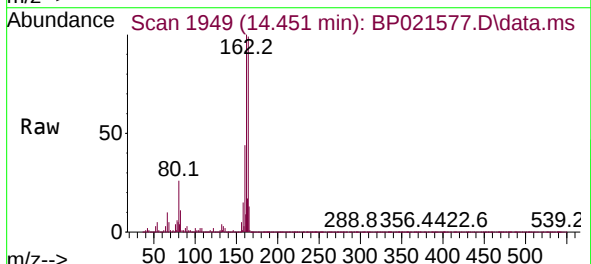
Instrument :
BNA_P
ClientSampleId :
924-K1-SD-0.5-1.0-081524

Tgt Ion: 82 Resp: 1440370
Ion Ratio Lower Upper
82 100
128 36.7 26.5 39.7
54 38.5 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: BP021577.D
Acq: 20 Aug 2024 18:07

Tgt Ion:164 Resp: 726994
Ion Ratio Lower Upper
164 100
162 101.4 81.5 122.3
160 44.7 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 108.289 ng

RT: 15.975 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Instrument :

BNA_P

ClientSampleId :

924-K1-SD-0.5-1.0-081524

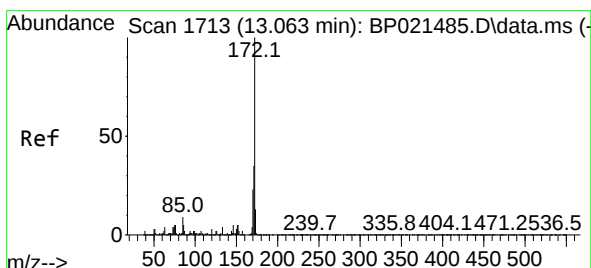
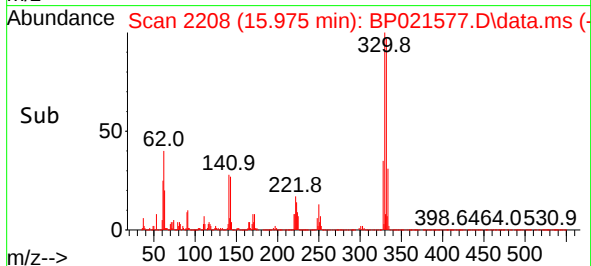
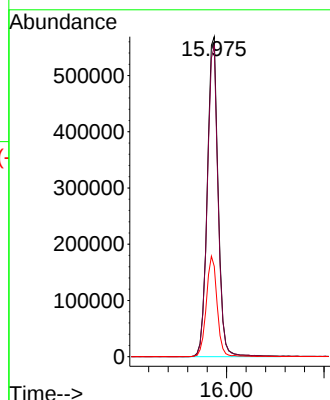
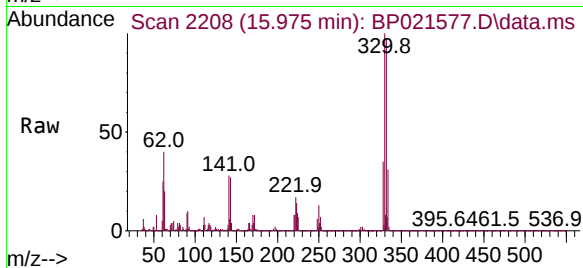
Tgt Ion:330 Resp: 876180

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 31.3 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 52.680 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

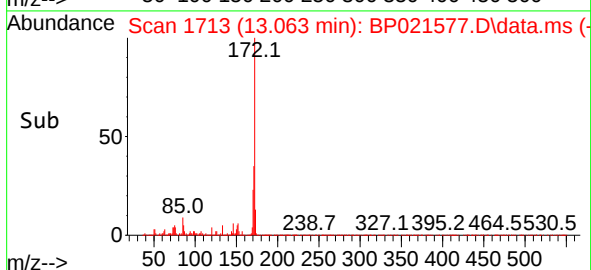
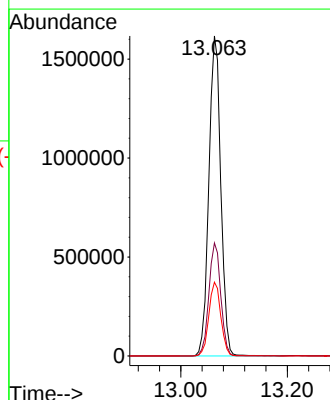
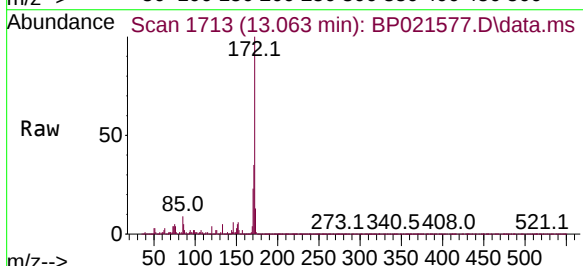
Tgt Ion:172 Resp: 2509438

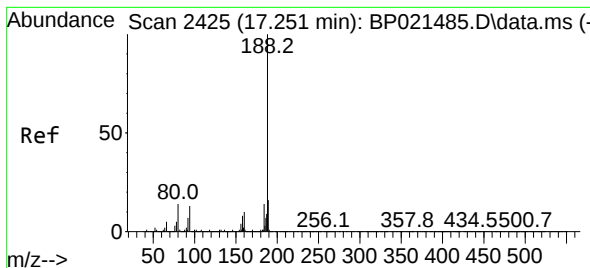
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Instrument :

BNA_P

ClientSampleId :

924-K1-SD-0.5-1.0-081524

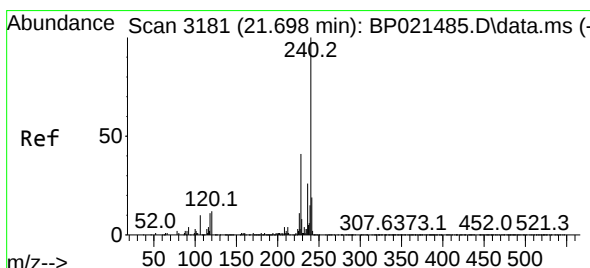
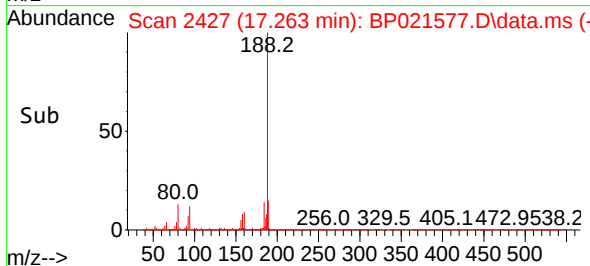
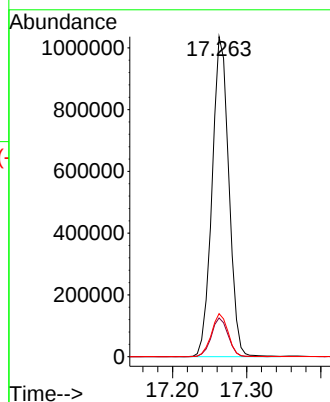
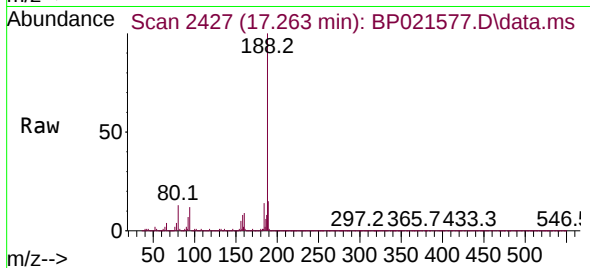
Tgt Ion:188 Resp: 1627467

Ion Ratio Lower Upper

188 100

94 12.1 10.2 15.4

80 13.5 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 3186

Delta R.T. 0.029 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

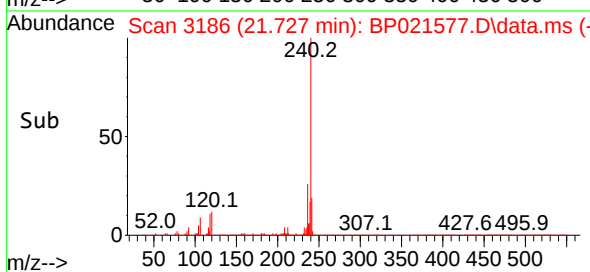
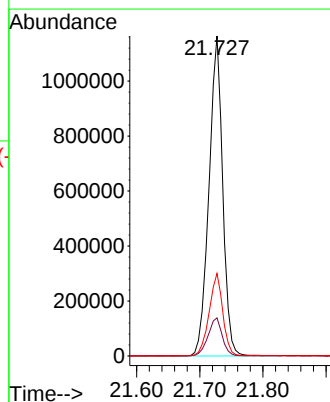
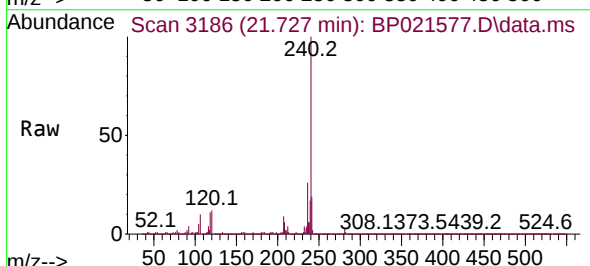
Tgt Ion:240 Resp: 1759971

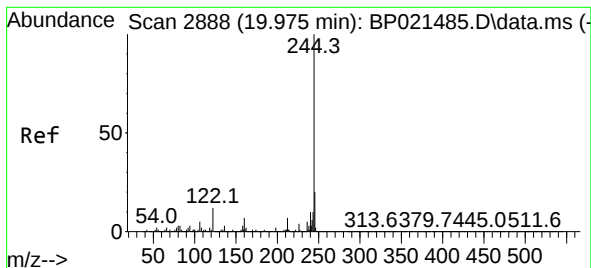
Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 52.571 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Instrument :

BNA_P

ClientSampleId :

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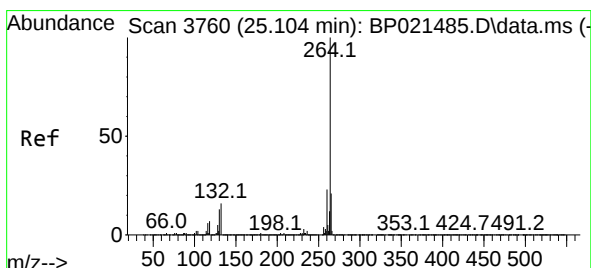
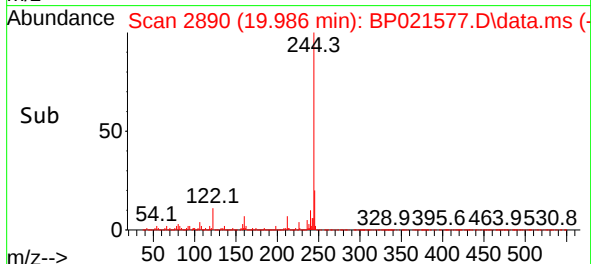
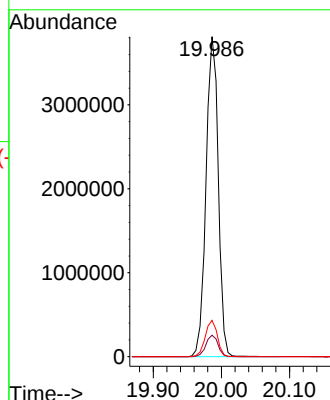
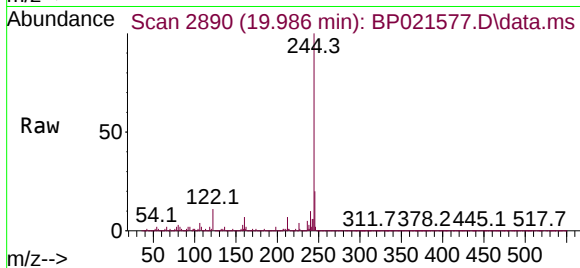
Tgt Ion:244 Resp: 4762566

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.3 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.064 min

Lab File: BP021577.D

Acq: 20 Aug 2024 18:07

Tgt Ion:264 Resp: 2065441

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.1 17.1 25.7

