

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021579.D
 Acq On : 20 Aug 2024 19:34
 Operator : RC/JU
 Sample : P3643-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 921-J-SD-0.5-1.0-081524-FD

Quant Time: Aug 21 00:25:54 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	309852	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1260056	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	848208	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1951418	20.000	ng	0.02
76) Chrysene-d12	21.733	240	2043803	20.000	ng	0.04
86) Perylene-d12	25.186	264	2283218	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1601069	76.726	ng	0.00
7) Phenol-d6	6.969	99	2274115	74.706	ng	0.00
23) Nitrobenzene-d5	8.946	82	1282128	52.519	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	847093	89.732	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2200018	39.584	ng	0.00
79) Terphenyl-d14	19.992	244	4271145	40.599	ng	0.02

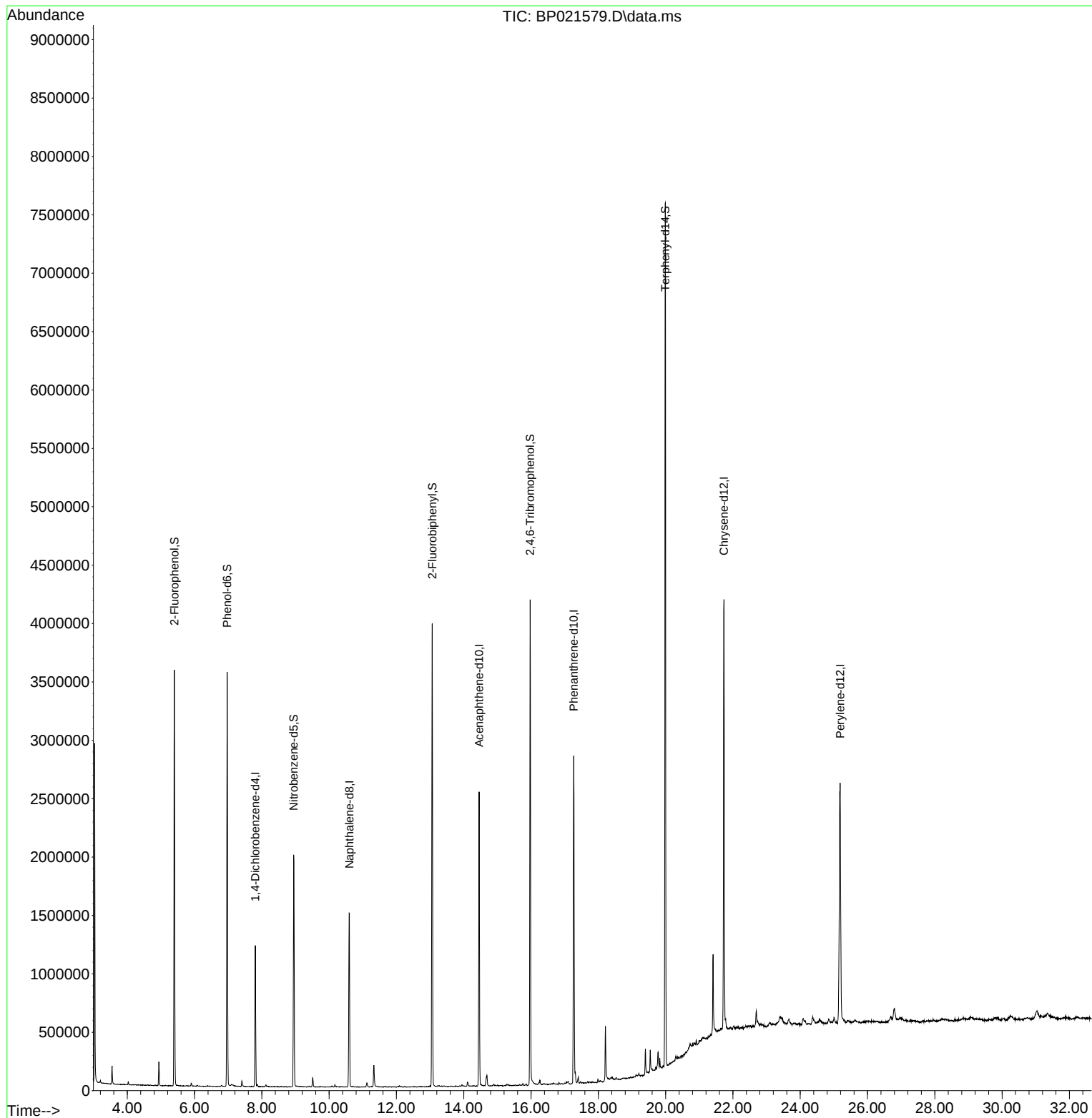
Target Compounds	Qvalue

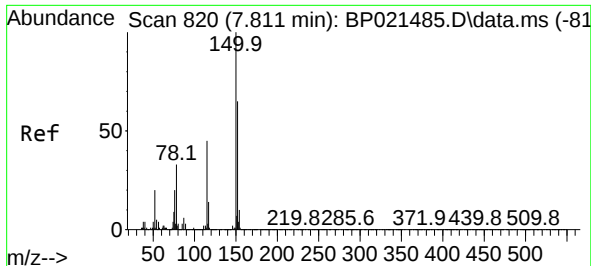
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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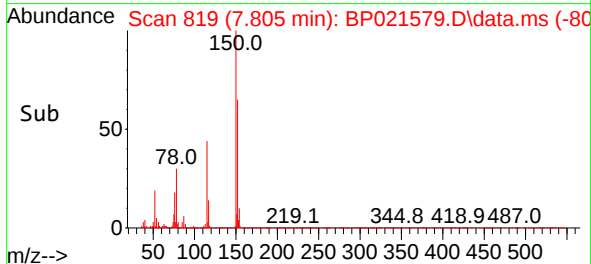
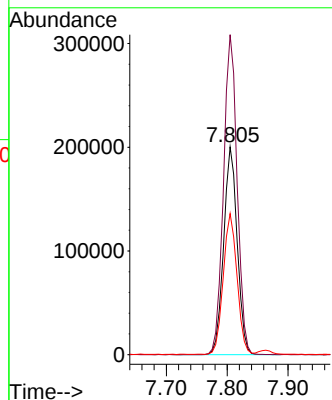
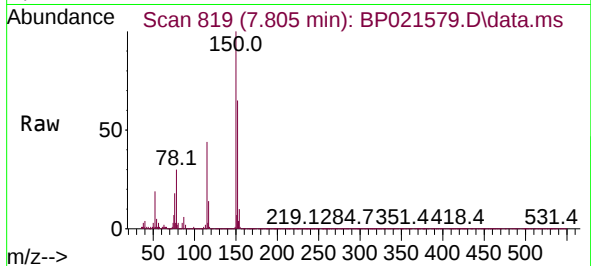




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

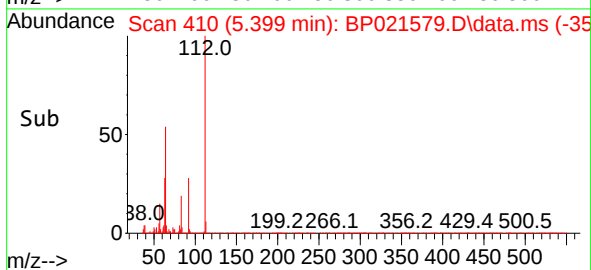
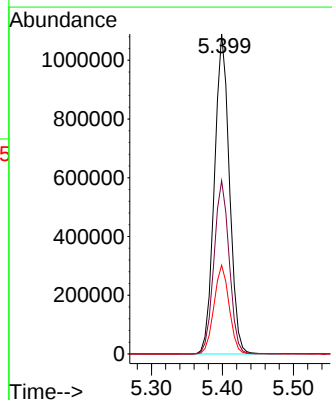
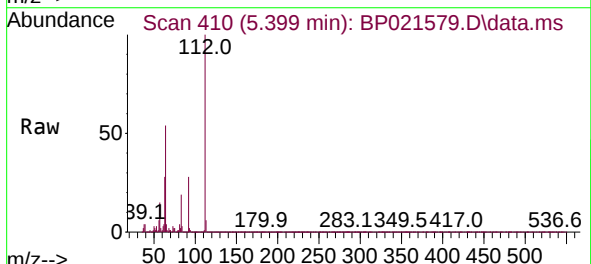
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524-FD

Tgt Ion:152 Resp: 309852
Ion Ratio Lower Upper
152 100
150 153.9 122.4 183.6
115 67.9 54.7 82.1



#5
2-Fluorophenol
Concen: 76.726 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Tgt Ion:112 Resp: 1601069
Ion Ratio Lower Upper
112 100
64 54.2 49.0 73.6
63 27.8 24.6 36.8

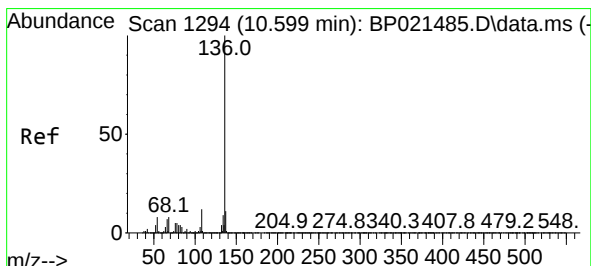
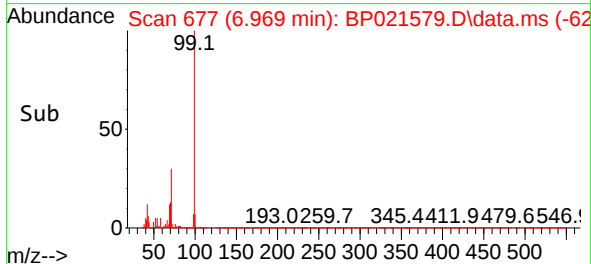
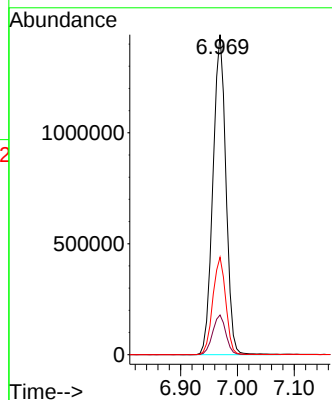
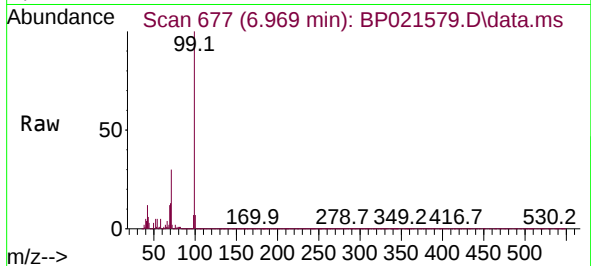




#7
Phenol-d6
Concen: 74.706 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

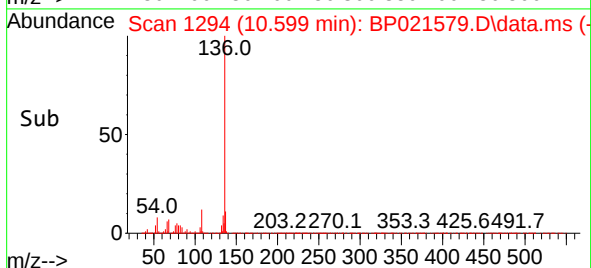
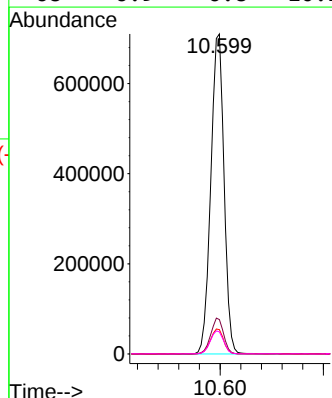
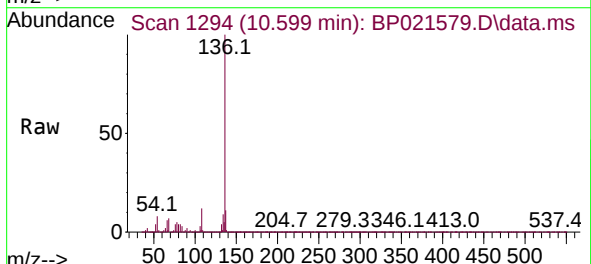
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524-FD

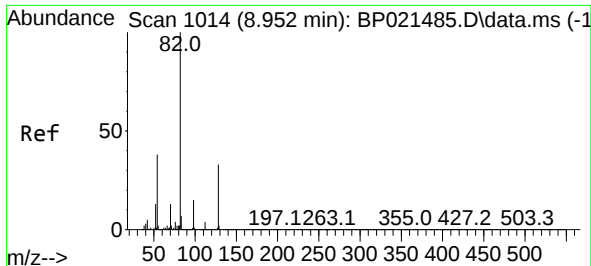
Tgt Ion: 99 Resp: 2274115
Ion Ratio Lower Upper
99 100
42 12.4 10.2 15.4
71 30.5 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP021579.D
Acq: 20 Aug 2024 19:34

Tgt Ion:136 Resp: 1260056
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 6.3 9.5
68 6.9 6.8 10.2





#23

Nitrobenzene-d5

Concen: 52.519 ng

RT: 8.946 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524-FD

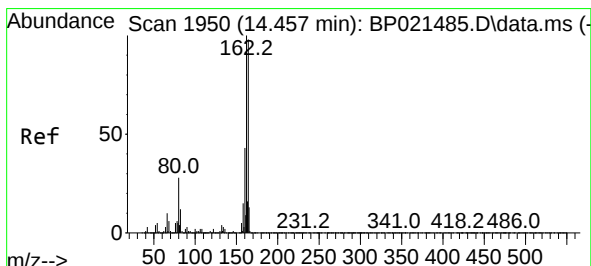
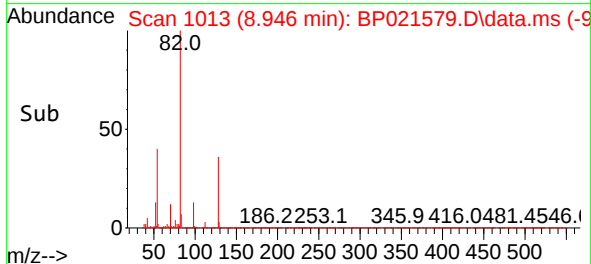
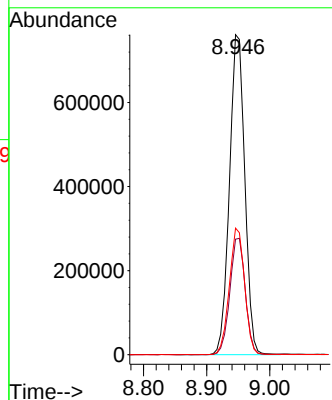
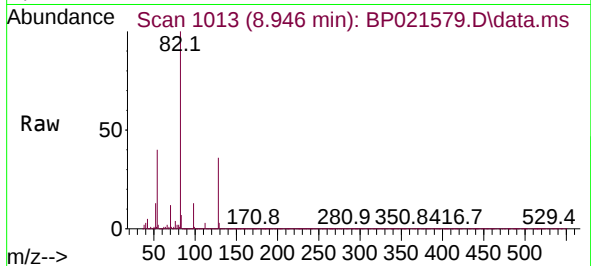
Tgt Ion: 82 Resp: 1282128

Ion Ratio Lower Upper

82 100

128 36.1 26.5 39.7

54 39.5 30.3 45.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

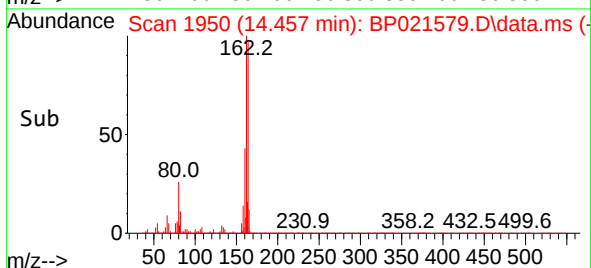
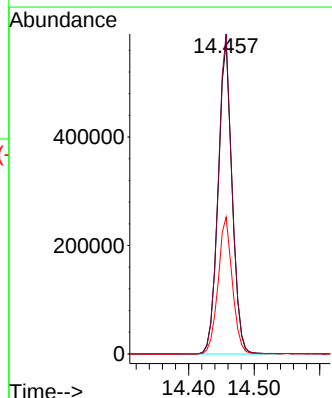
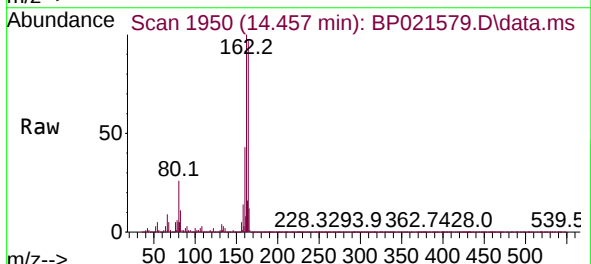
Tgt Ion:164 Resp: 848208

Ion Ratio Lower Upper

164 100

162 102.7 81.5 122.3

160 43.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 89.732 ng

RT: 15.975 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524-FD

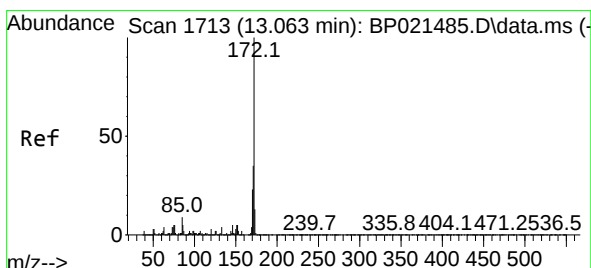
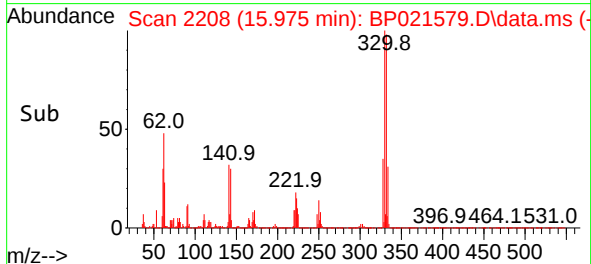
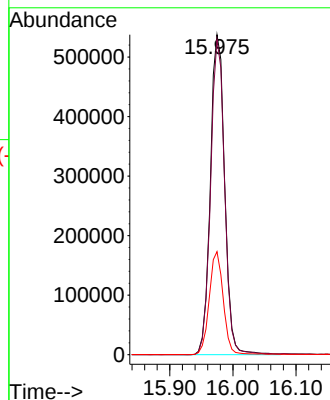
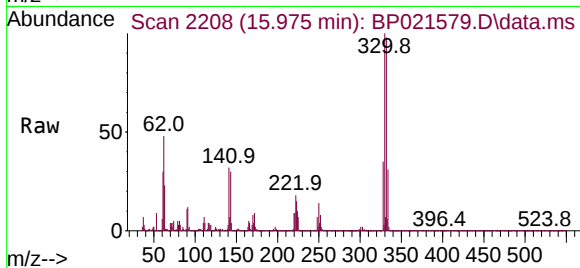
Tgt Ion:330 Resp: 847093

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 31.5 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 39.584 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

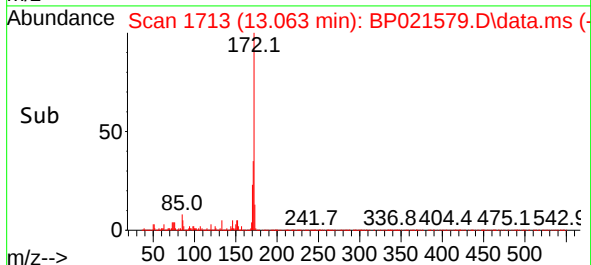
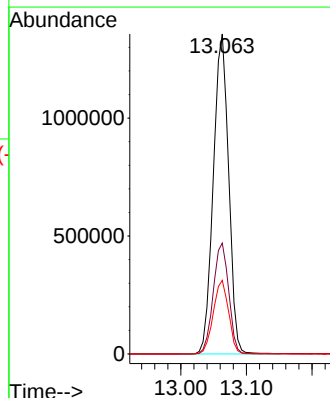
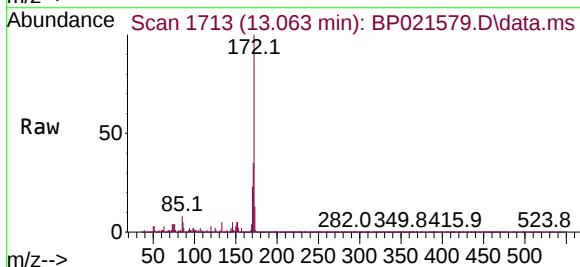
Tgt Ion:172 Resp: 2200018

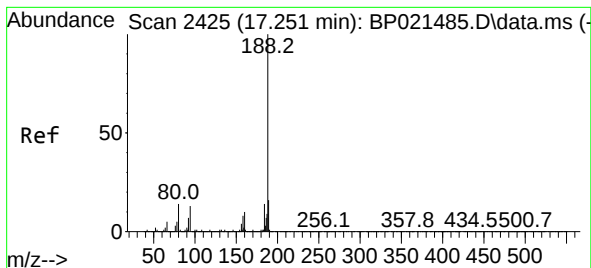
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.0 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: BP021579.D

Acq: 20 Aug 2024 19:34

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524-FD

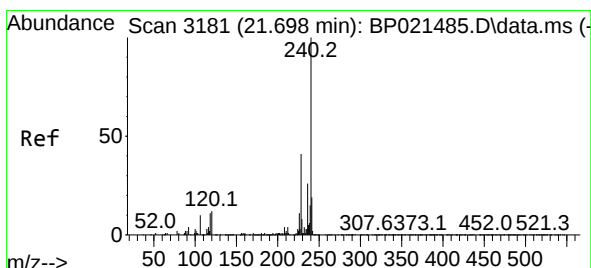
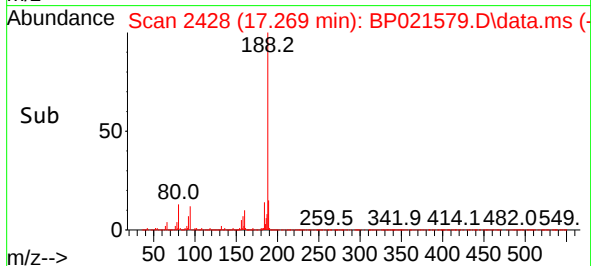
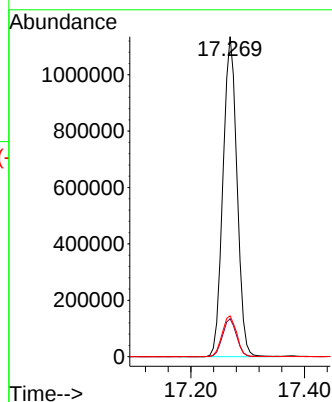
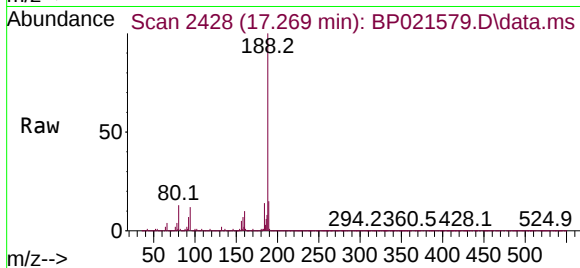
Tgt Ion:188 Resp: 1951418

Ion Ratio Lower Upper

188 100

94 11.8 10.2 15.4

80 12.8 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.733 min Scan# 3187

Delta R.T. 0.035 min

Lab File: BP021579.D

Acq: 20 Aug 2024 19:34

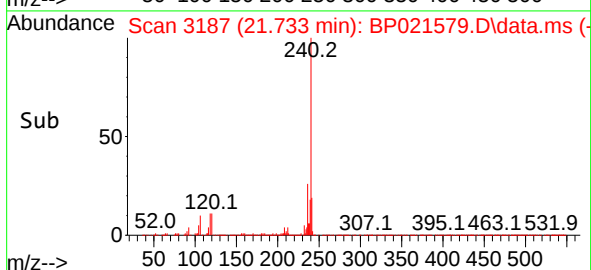
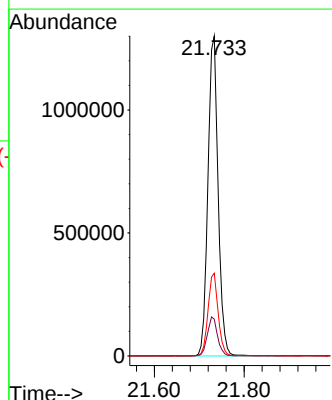
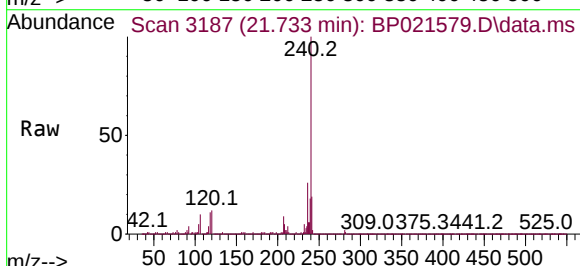
Tgt Ion:240 Resp: 2043803

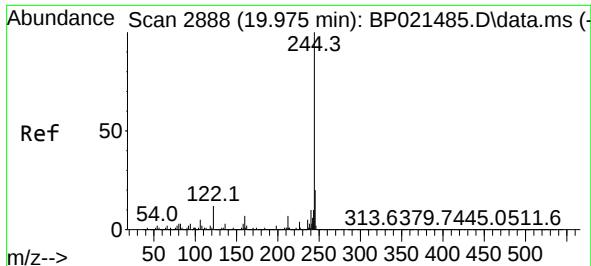
Ion Ratio Lower Upper

240 100

120 11.5 9.9 14.9

236 25.9 20.6 30.8

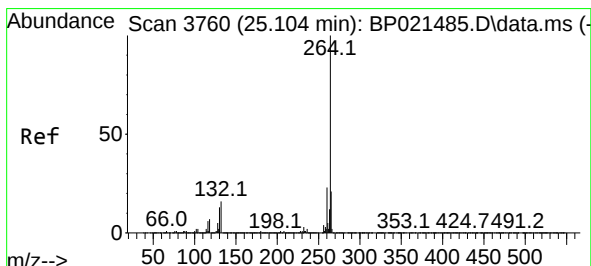
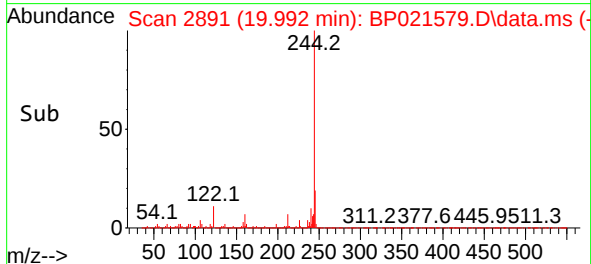
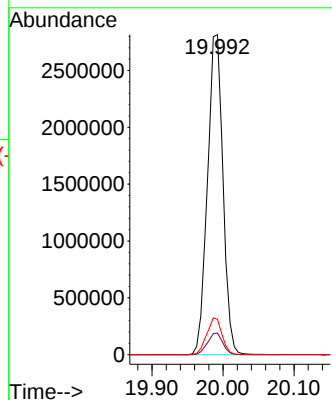
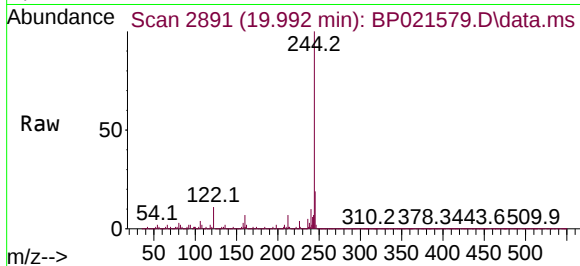




#79
 Terphenyl-d14
 Concen: 40.599 ng
 RT: 19.992 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BP021579.D
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Tgt Ion:244 Resp: 4271145
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.1 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.186 min Scan# 3774
 Delta R.T. 0.082 min
 Lab File: BP021579.D
 Acq: 20 Aug 2024 19:34

Tgt Ion:264 Resp: 2283218
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.1 17.1 25.7

