

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
 Data File : BP019579.D
 Acq On : 06 Feb 2024 18:08
 Operator : MA/JU
 Sample : P1345-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TT-278-IDWSO-20240201-1

Quant Time: Feb 06 18:39:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	72187	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	283655	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	194927	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	428709	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	319794	20.000	ng	0.00
86) Perylene-d12	23.798	264	383626	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	506943	113.199	ng	0.00
7) Phenol-d6	7.075	99	690278	114.315	ng	-0.01
23) Nitrobenzene-d5	9.075	82	468514	71.571	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	329823	115.887	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1079179	68.442	ng	-0.01
79) Terphenyl-d14	19.863	244	1472850	75.741	ng	0.00

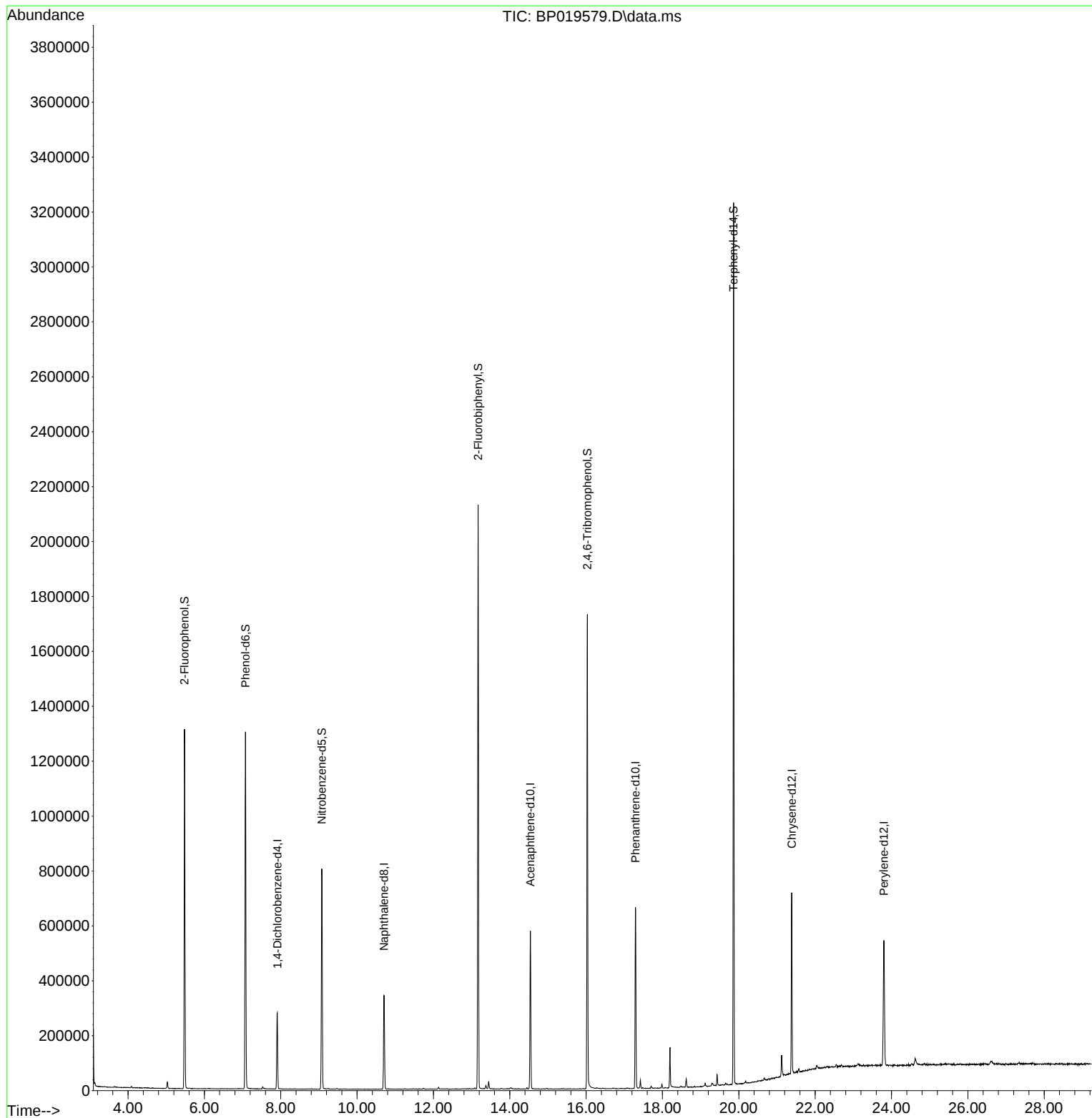
Target Compounds	Qvalue

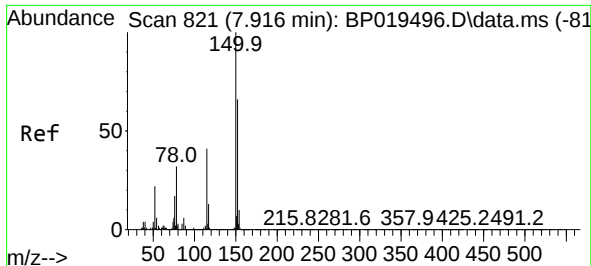
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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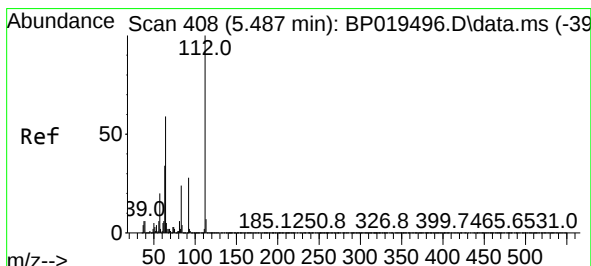
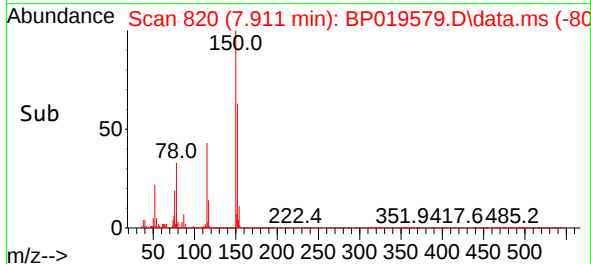
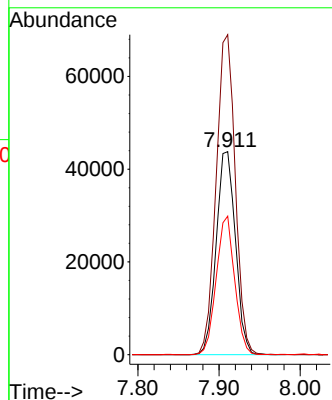
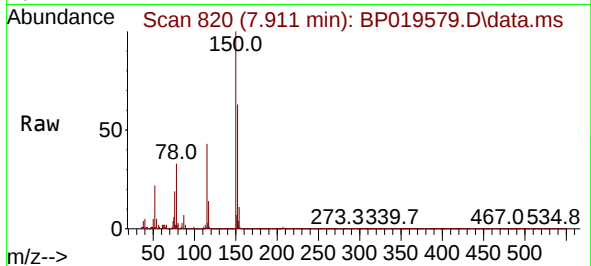




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019579.D
Acq: 06 Feb 2024 18:08

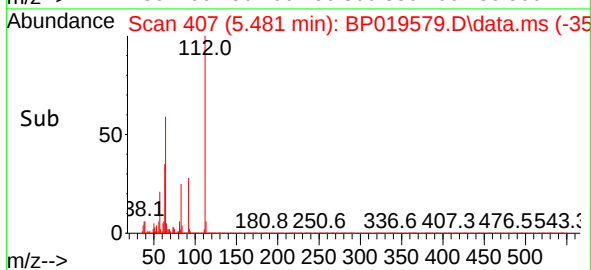
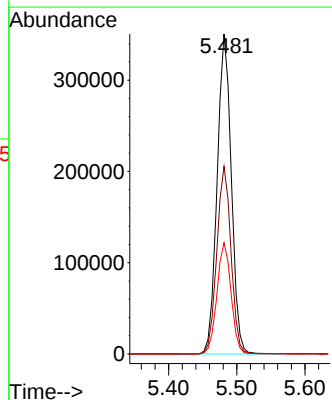
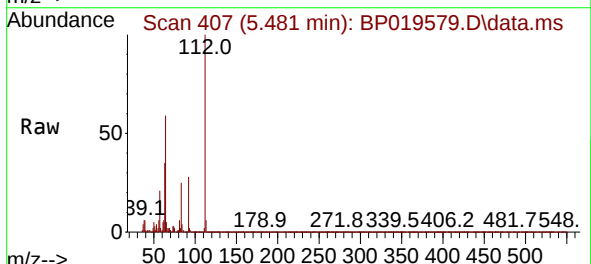
Instrument :
BNA_P
ClientSampleId :
TT-278-IDWSO-20240201-1

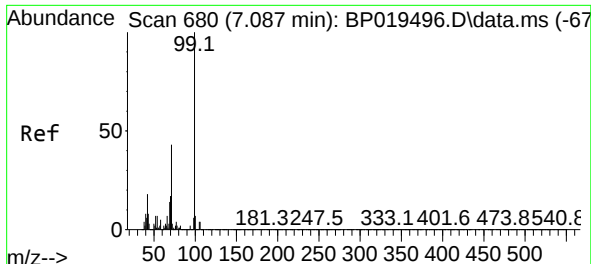
Tgt Ion:152 Resp: 72187
Ion Ratio Lower Upper
152 100
150 157.6 121.8 182.8
115 68.2 49.9 74.9



#5
2-Fluorophenol
Concen: 113.199 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019579.D
Acq: 06 Feb 2024 18:08

Tgt Ion:112 Resp: 506943
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.0
63 34.8 27.0 40.6

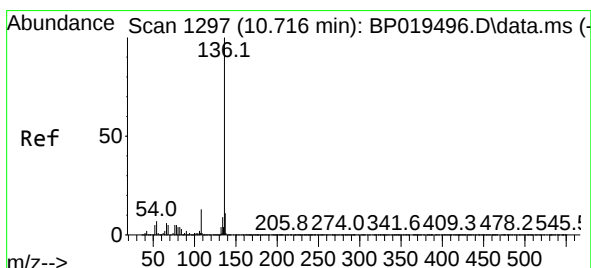
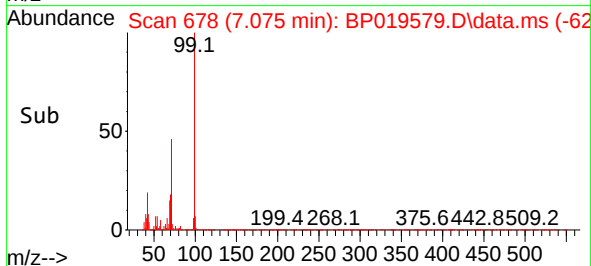
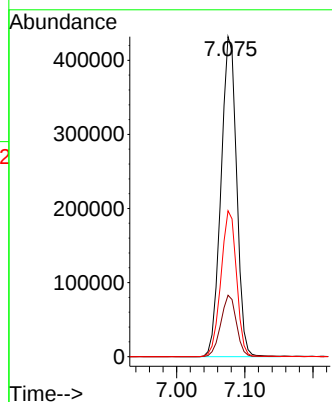
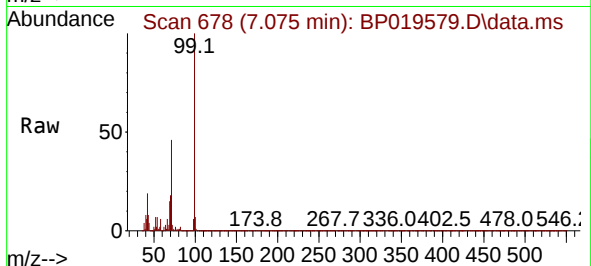




#7
Phenol-d6
Concen: 114.315 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019579.D
Acq: 06 Feb 2024 18:08

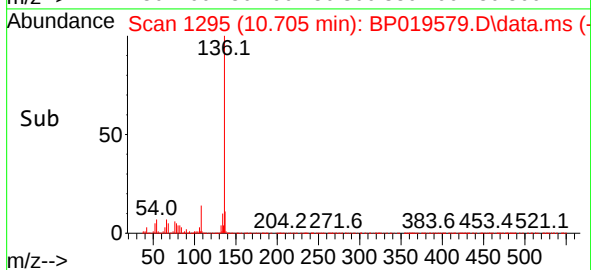
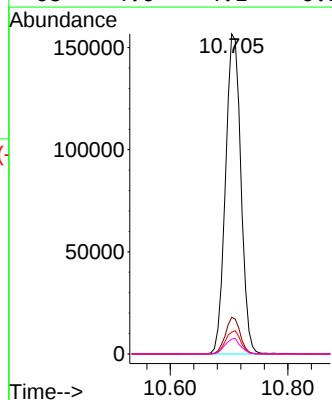
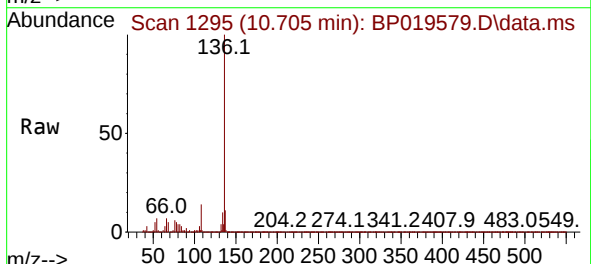
Instrument :
BNA_P
ClientSampleId :
TT-278-IDWSO-20240201-1

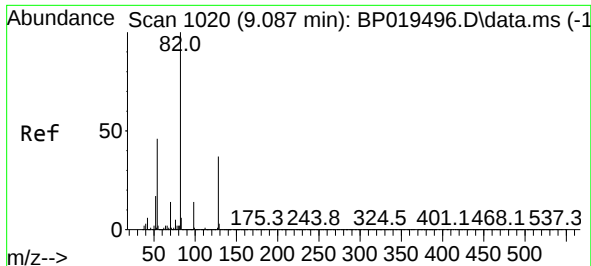
Tgt Ion: 99 Resp: 690278
Ion Ratio Lower Upper
99 100
42 19.2 14.7 22.1
71 45.6 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019579.D
Acq: 06 Feb 2024 18:08

Tgt Ion: 136 Resp: 283655
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.8 5.3 7.9
68 4.6 4.1 6.1

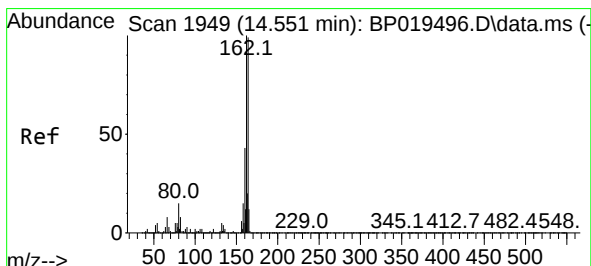
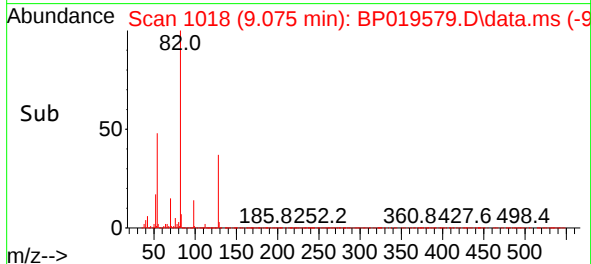
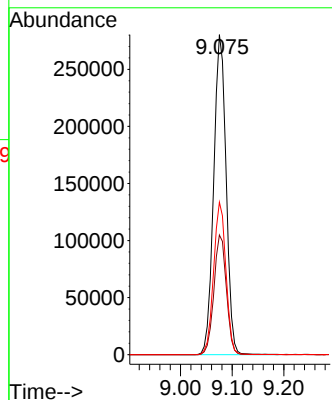
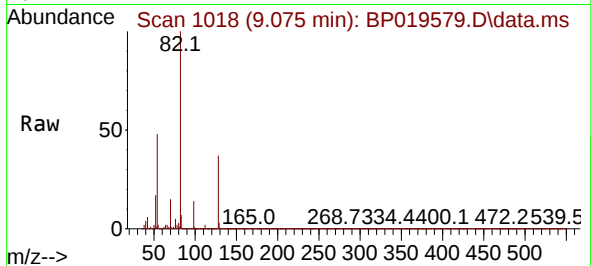




#23
Nitrobenzene-d5
Concen: 71.571 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019579.D
Acq: 06 Feb 2024 18:08

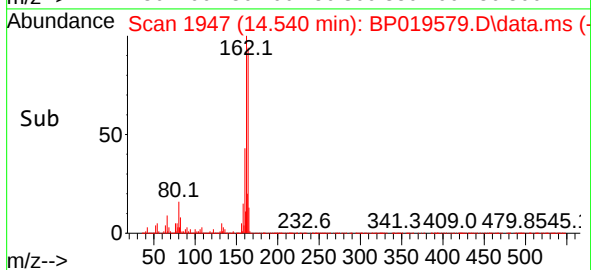
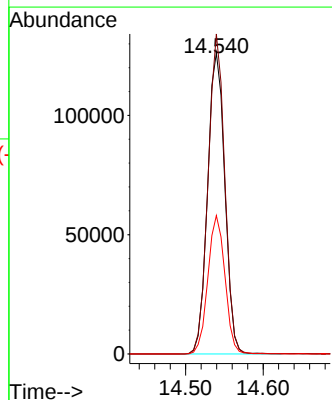
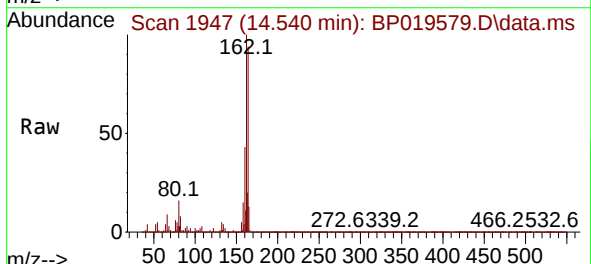
Instrument :
BNA_P
ClientSampleId :
TT-278-IDWSO-20240201-1

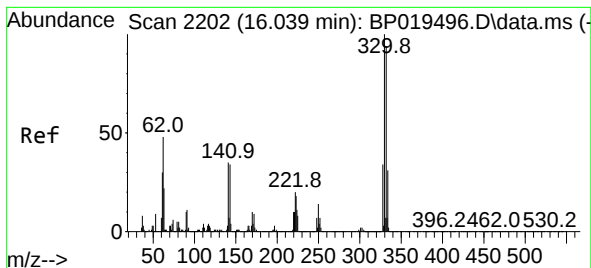
Tgt Ion: 82 Resp: 468514
Ion Ratio Lower Upper
82 100
128 37.4 29.7 44.5
54 47.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019579.D
Acq: 06 Feb 2024 18:08

Tgt Ion: 164 Resp: 194927
Ion Ratio Lower Upper
164 100
162 106.3 81.2 121.8
160 46.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 115.887 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019579.D

Acq: 06 Feb 2024 18:08

Instrument :

BNA_P

ClientSampleId :

TT-278-IDWSO-20240201-1

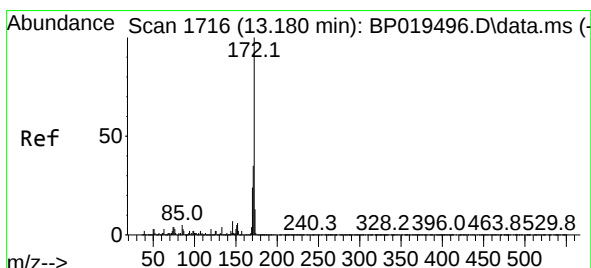
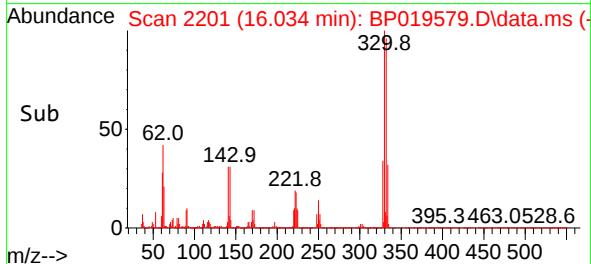
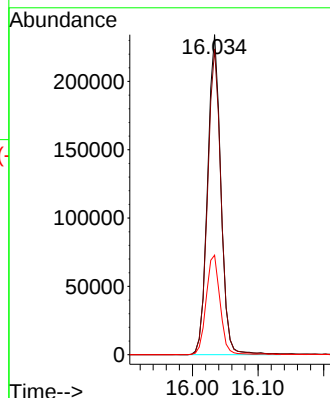
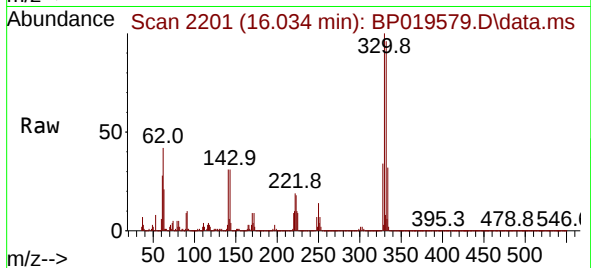
Tgt Ion:330 Resp: 329823

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

141 32.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 68.442 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019579.D

Acq: 06 Feb 2024 18:08

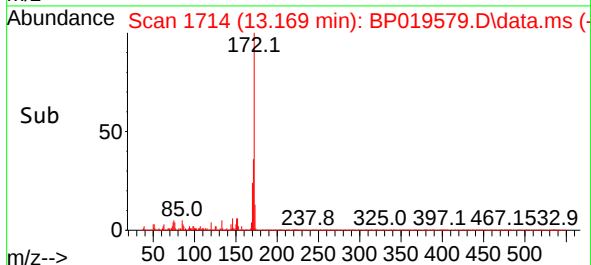
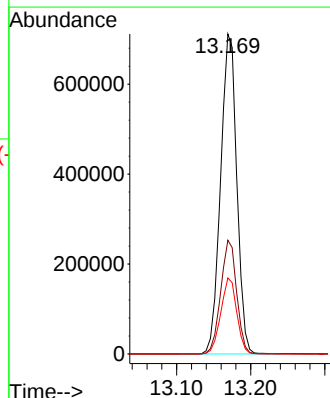
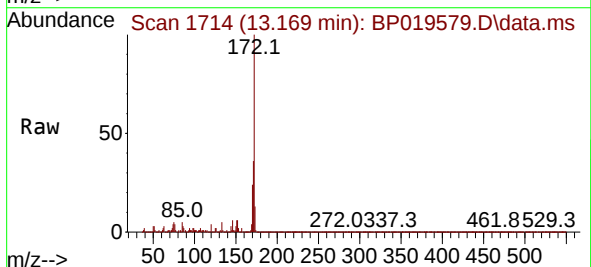
Tgt Ion:172 Resp: 1079179

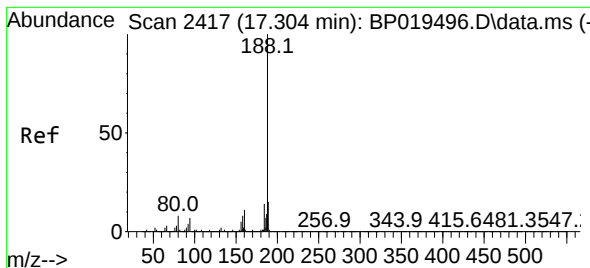
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019579.D

Acq: 06 Feb 2024 18:08

Instrument :

BNA_P

ClientSampleId :

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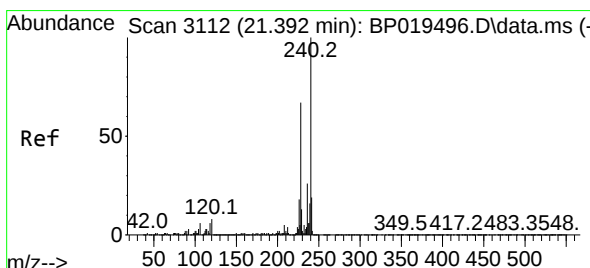
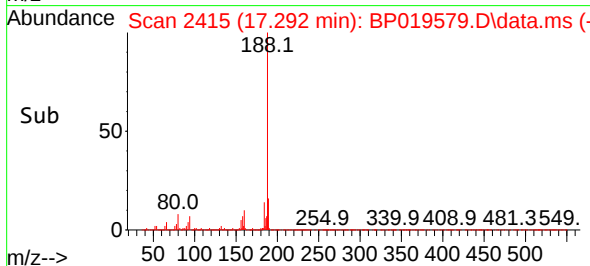
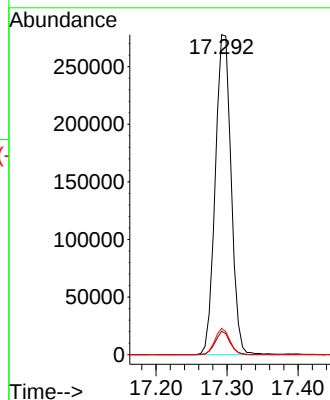
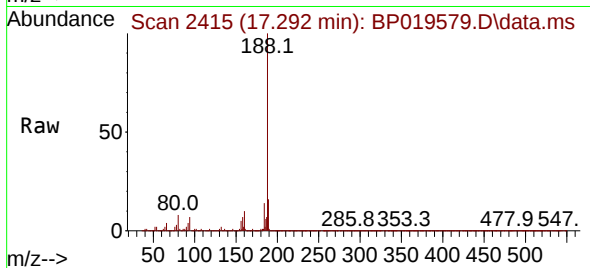
Tgt Ion:188 Resp: 428709

Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.2 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019579.D

Acq: 06 Feb 2024 18:08

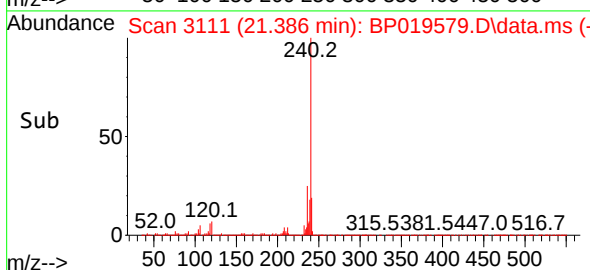
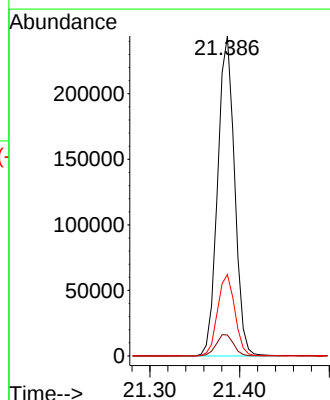
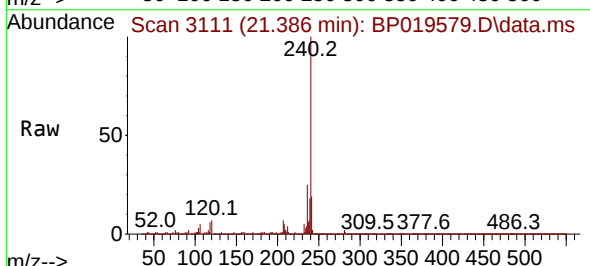
Tgt Ion:240 Resp: 319794

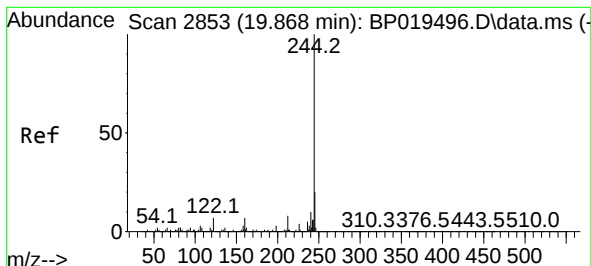
Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 75.741 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019579.D

Acq: 06 Feb 2024 18:08

Instrument :

BNA_P

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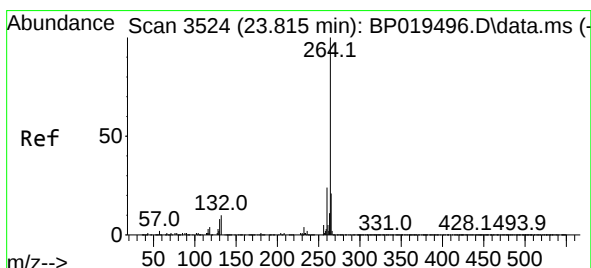
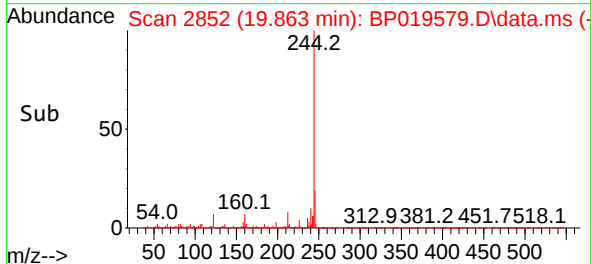
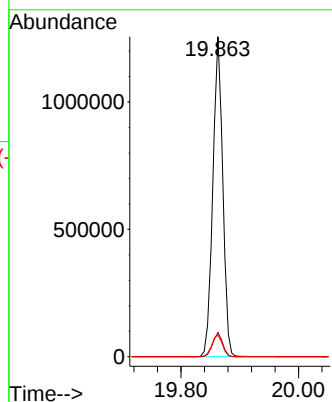
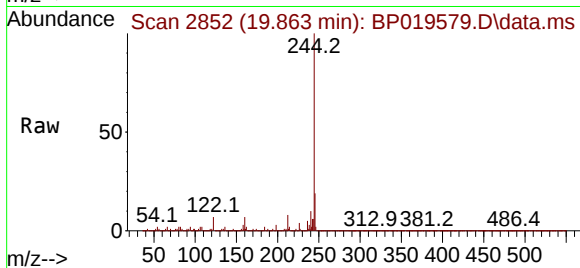
Tgt Ion:244 Resp: 1472850

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 6.8 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.017 min

Lab File: BP019579.D

Acq: 06 Feb 2024 18:08

Tgt Ion:264 Resp: 383626

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.7 17.0 25.4

