

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
 Data File : BP020559.D
 Acq On : 07 Jun 2024 14:01
 Operator : MA/JU
 Sample : P2707-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-01

Quant Time: Jun 07 14:53:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

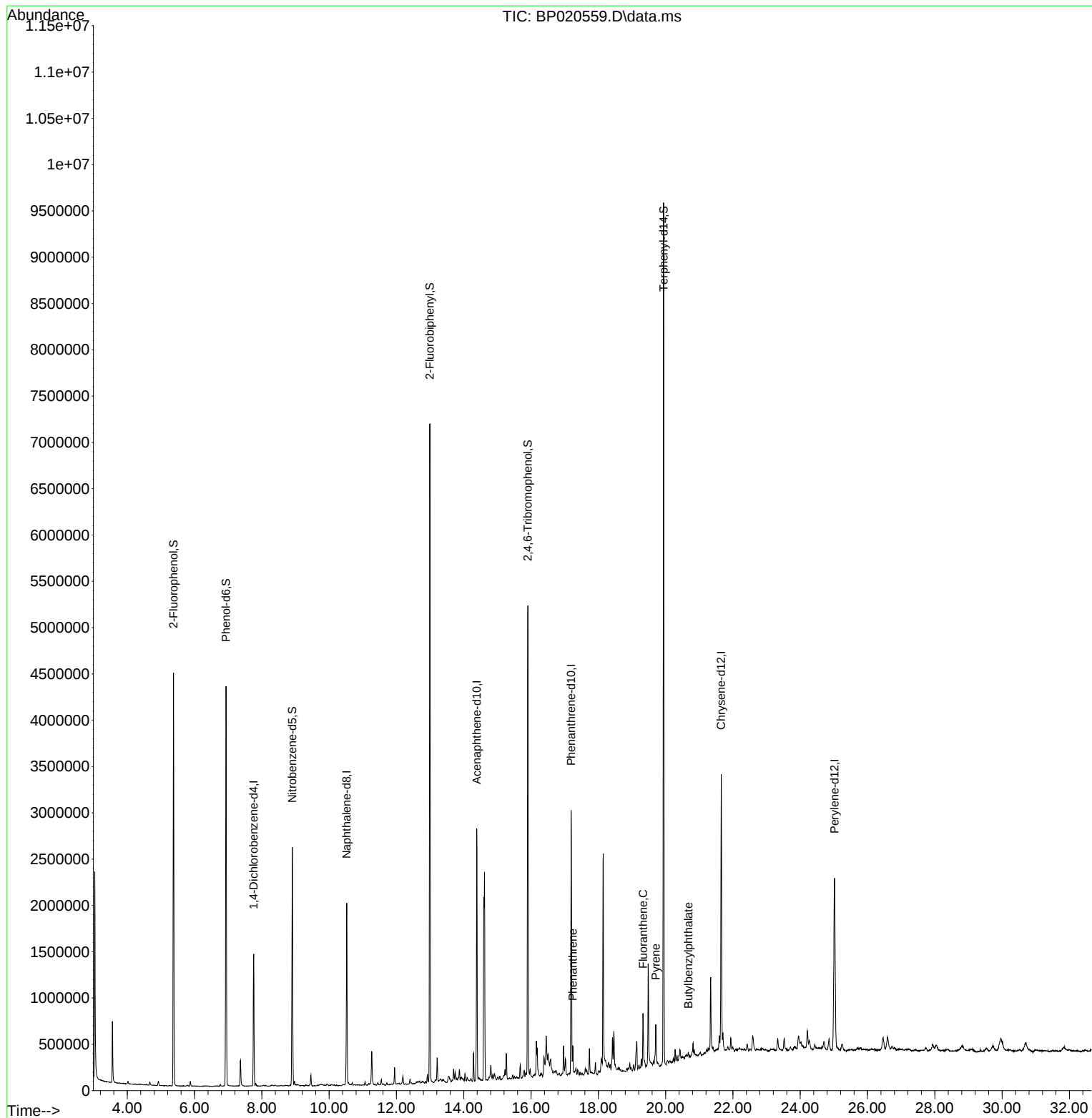
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	393844	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	1515601	20.000	ng	-0.01
39) Acenaphthene-d10	14.387	164	924585	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1835049	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1705990	20.000	ng	-0.02
86) Perylene-d12	25.021	264	2022535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1912555	86.947	ng	0.00
7) Phenol-d6	6.934	99	2446032	78.850	ng	0.00
23) Nitrobenzene-d5	8.905	82	1511419	54.589	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	1054943	109.943	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	3383957	54.560	ng	-0.01
79) Terphenyl-d14	19.939	244	5101935	49.785	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.239	178	189964	2.106	ng	99
75) Fluoranthene	19.328	202	316408	2.965	ng	98
78) Pyrene	19.704	202	266377	2.076	ng	99
80) Butylbenzylphthalate	20.675	149	12999	2.670	ng	96

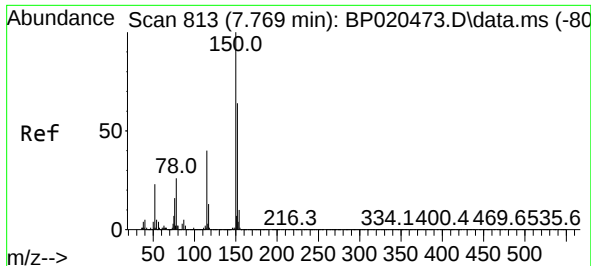
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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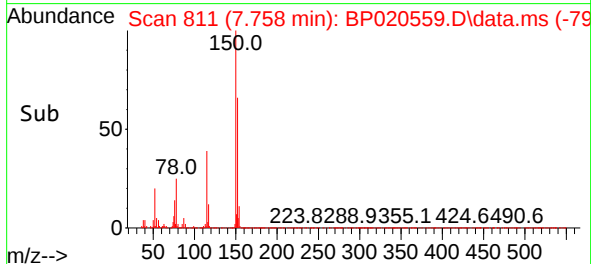
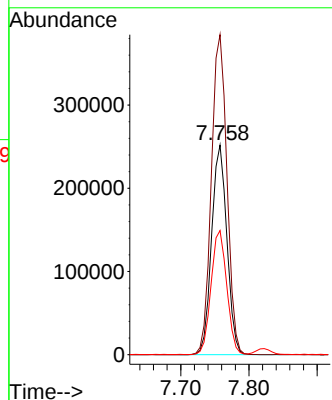
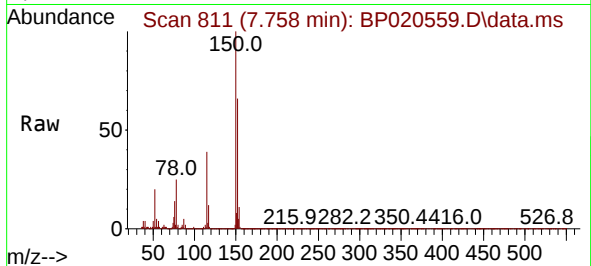




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.758 min Scan# 813
 Delta R.T. -0.011 min
 Lab File: BP020559.D
 Acq: 07 Jun 2024 14:01

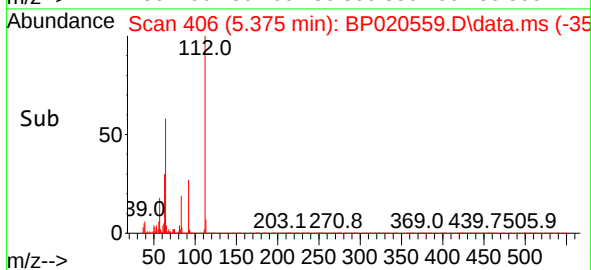
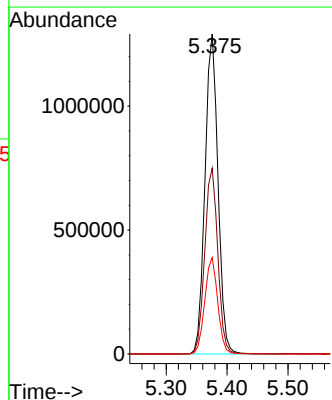
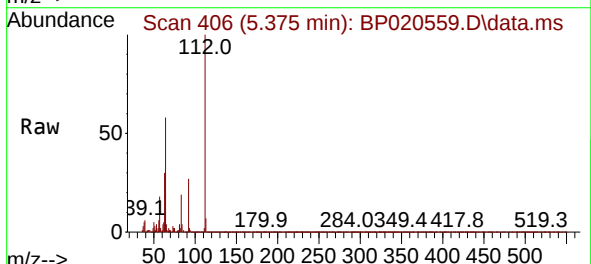
Instrument :
 BNA_P
 ClientSampleId :
 B-01

Tgt Ion:152 Resp: 393844
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.2 186.2
 115 59.2 49.5 74.3



#5
 2-Fluorophenol
 Concen: 86.947 ng
 RT: 5.375 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: BP020559.D
 Acq: 07 Jun 2024 14:01

Tgt Ion:112 Resp: 1912555
 Ion Ratio Lower Upper
 112 100
 64 58.1 50.1 75.1
 63 30.1 25.7 38.5



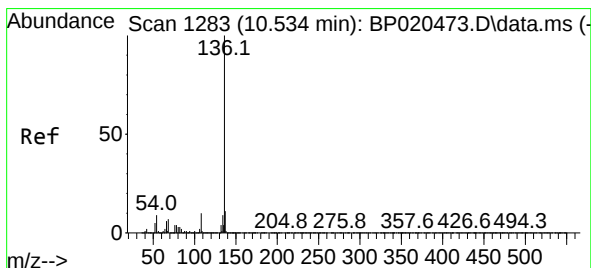
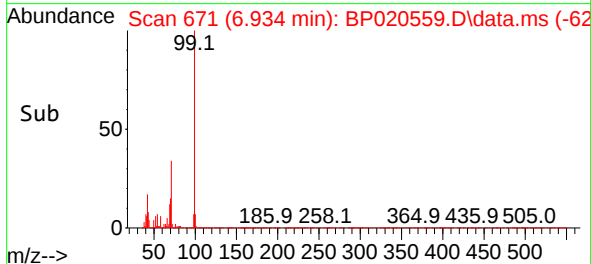
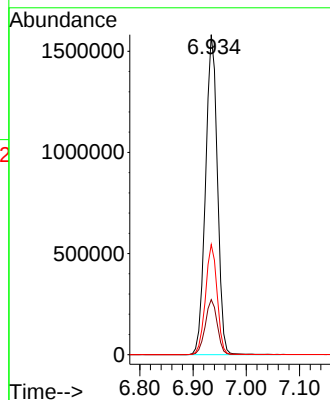
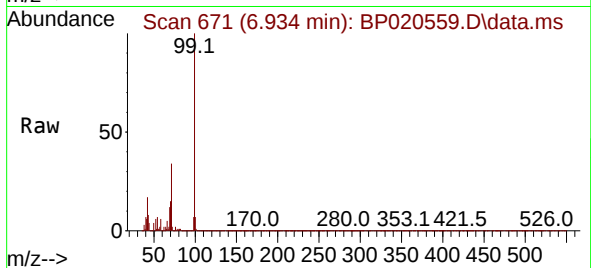


#7
Phenol-d6
Concen: 78.850 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Instrument :
BNA_P
ClientSampleId :
B-01

Tgt Ion: 99 Resp: 2446032

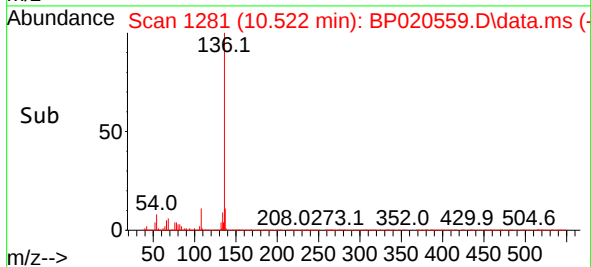
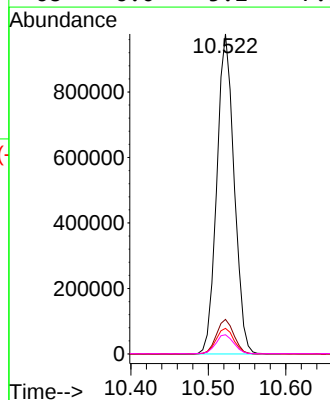
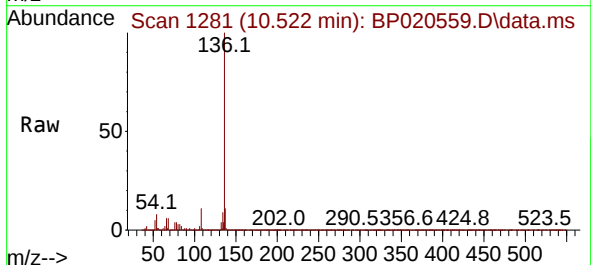
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	34.4	27.3	40.9

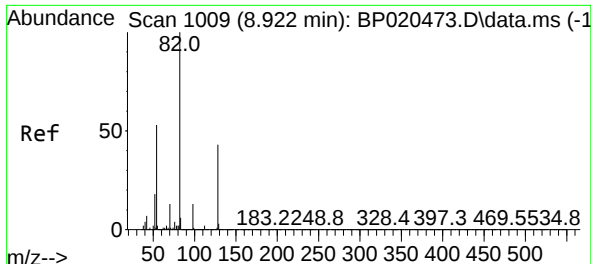


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion: 136 Resp: 1515601

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	7.4	11.0
68	6.0	5.2	7.8

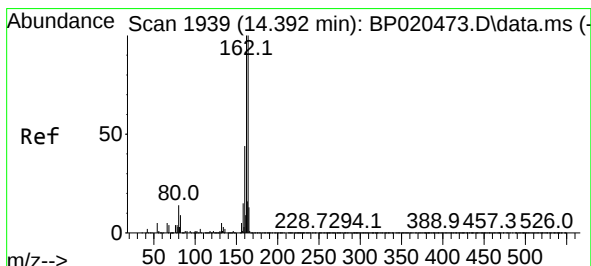
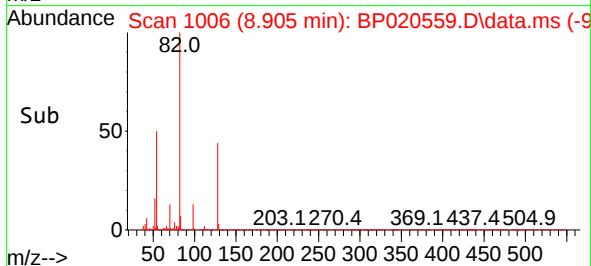
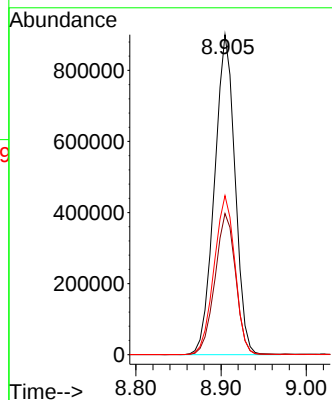
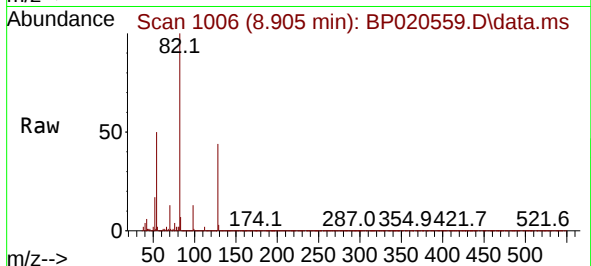




#23
Nitrobenzene-d5
Concen: 54.589 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

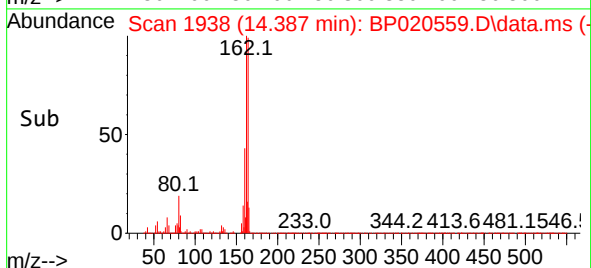
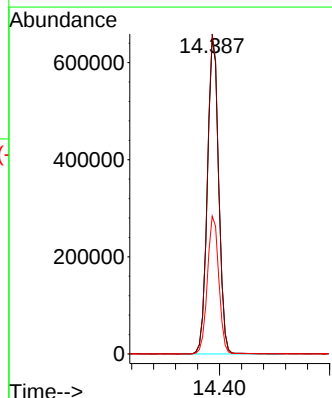
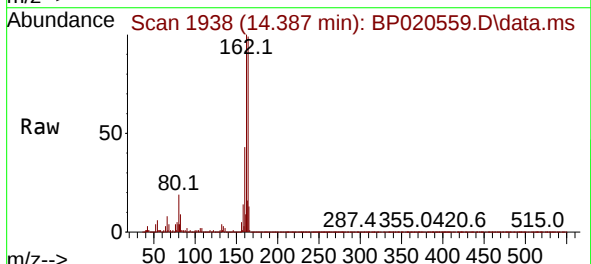
Instrument :
BNA_P
ClientSampleId :
B-01

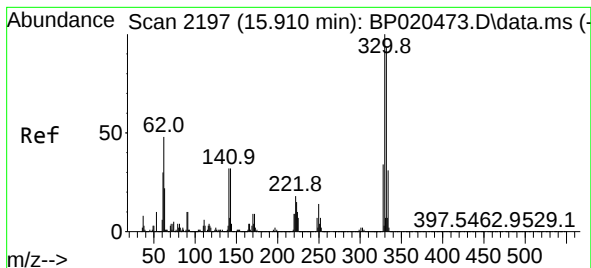
Tgt Ion: 82 Resp: 1511419
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 49.7 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion:164 Resp: 924585
Ion Ratio Lower Upper
164 100
162 101.5 80.3 120.5
160 43.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 109.943 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020559.D

Acq: 07 Jun 2024 14:01

Instrument :

BNA_P

ClientSampleId :

B-01

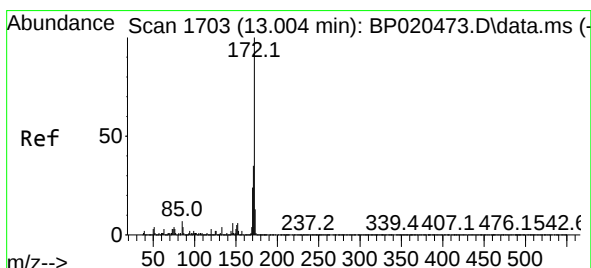
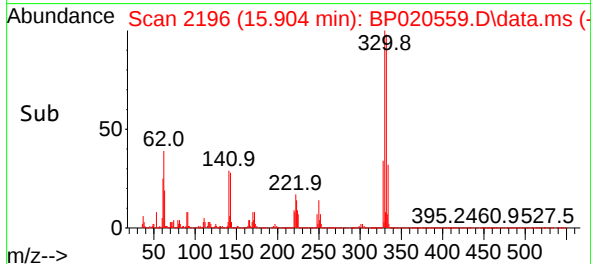
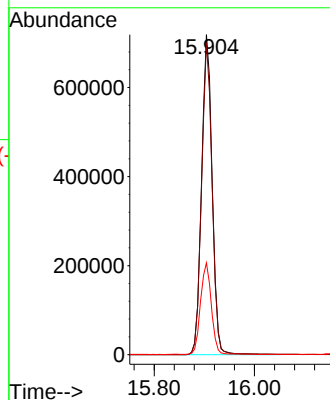
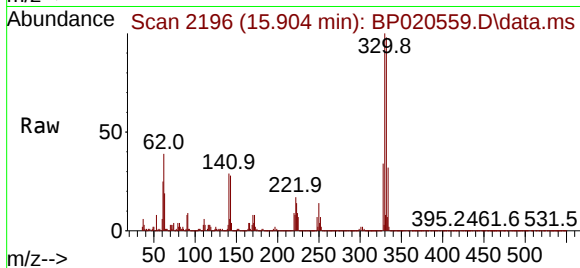
Tgt Ion:330 Resp: 1054943

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

141 29.2 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 54.560 ng

RT: 12.993 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP020559.D

Acq: 07 Jun 2024 14:01

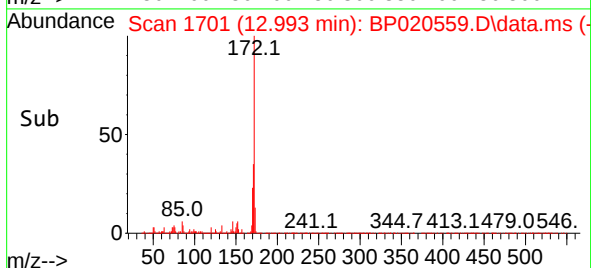
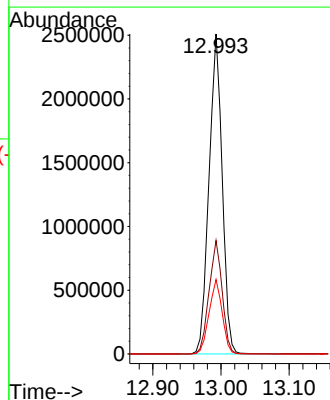
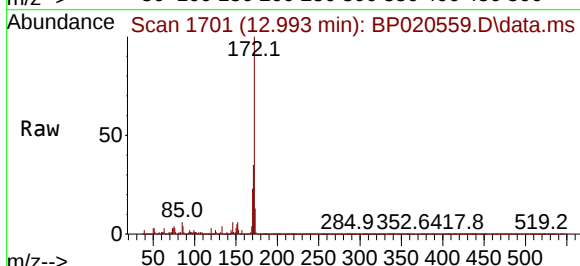
Tgt Ion:172 Resp: 3383957

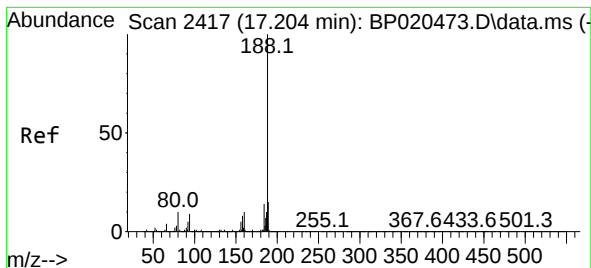
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP020559.D

Acq: 07 Jun 2024 14:01

Instrument :

BNA_P

ClientSampleId :

B-01

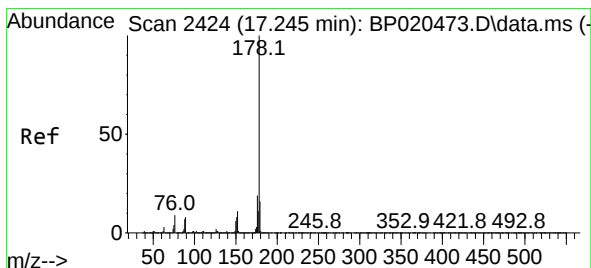
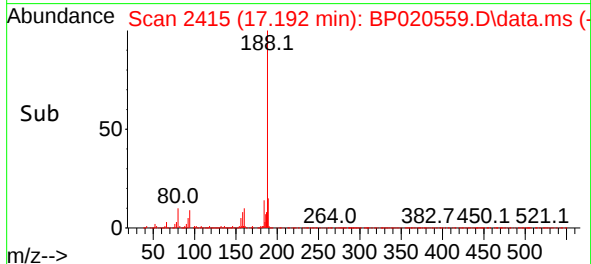
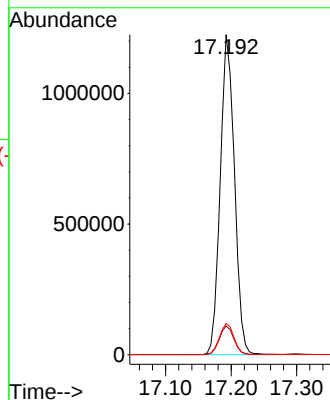
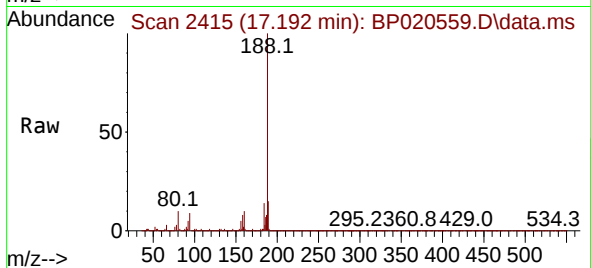
Tgt Ion:188 Resp: 1835049

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.7 8.1 12.1



#71

Phenanthrene

Concen: 2.106 ng

RT: 17.239 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP020559.D

Acq: 07 Jun 2024 14:01

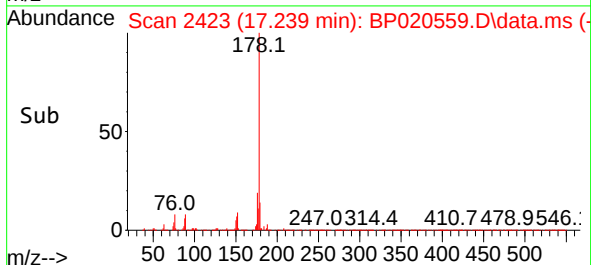
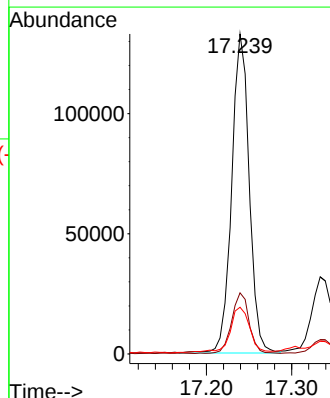
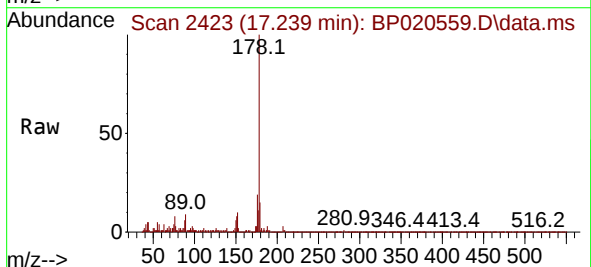
Tgt Ion:178 Resp: 189964

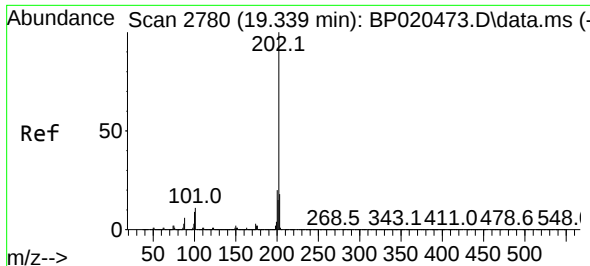
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 14.6 12.5 18.7

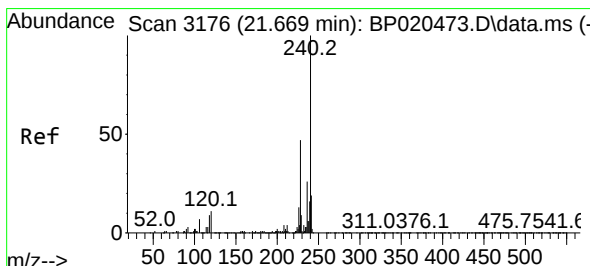
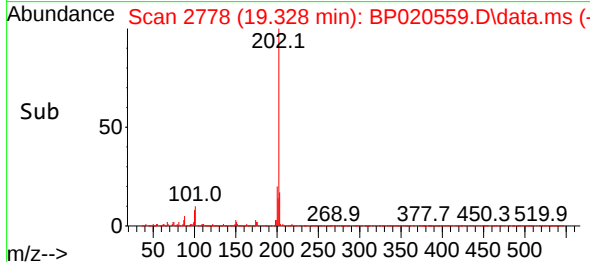
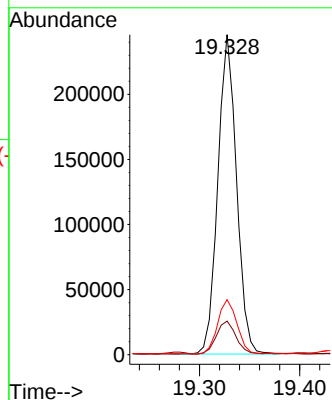
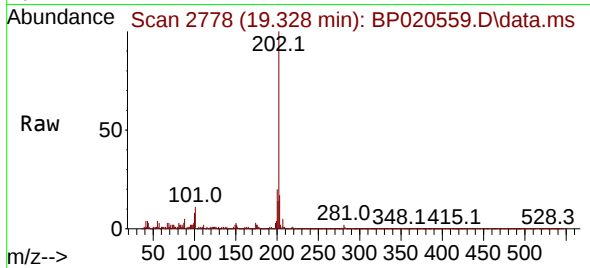




#75
Fluoranthene
Concen: 2.965 ng
RT: 19.328 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

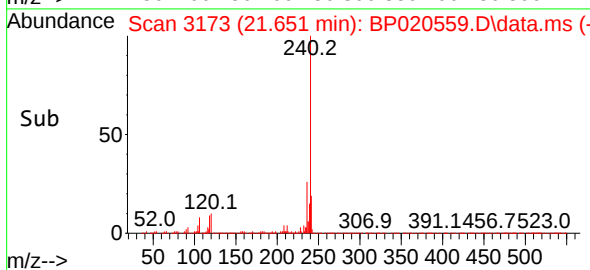
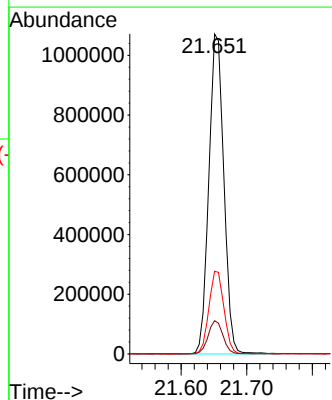
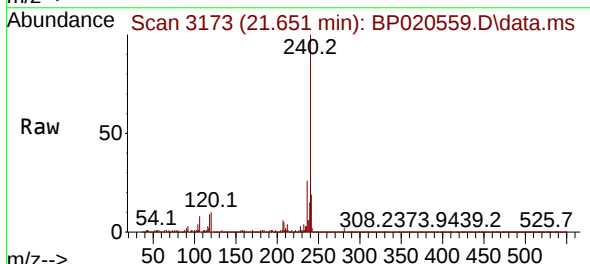
Instrument :
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B-01

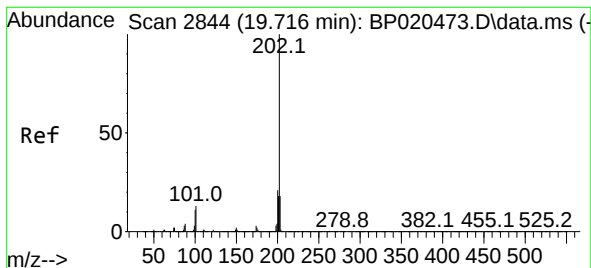
Tgt Ion:202 Resp: 316408
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.2 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion:240 Resp: 1705990
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 25.9 20.5 30.7





#78

Pyrene

Concen: 2.076 ng

RT: 19.704 min Scan# 2842

Delta R.T. -0.012 min

Lab File: BP020559.D

Acq: 07 Jun 2024 14:01

Instrument :

BNA_P

ClientSampleId :

B-01

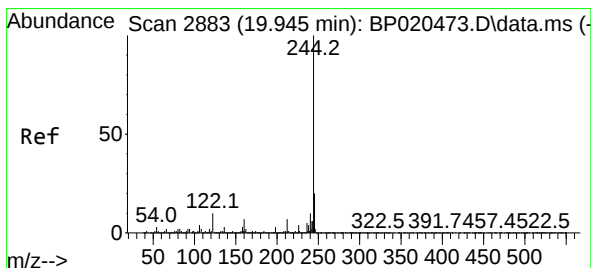
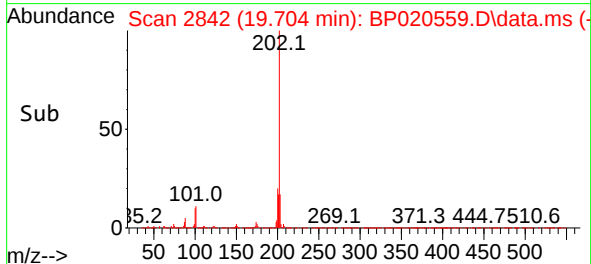
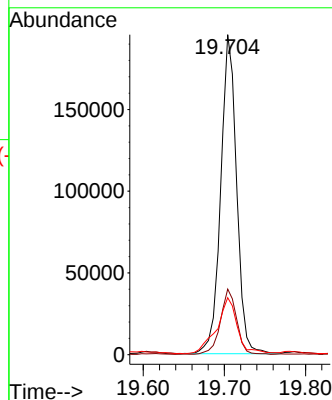
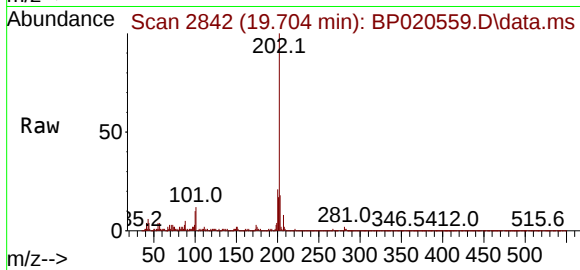
Tgt Ion:202 Resp: 266377

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 17.8 14.1 21.1



#79

Terphenyl-d14

Concen: 49.785 ng

RT: 19.939 min Scan# 2882

Delta R.T. -0.006 min

Lab File: BP020559.D

Acq: 07 Jun 2024 14:01

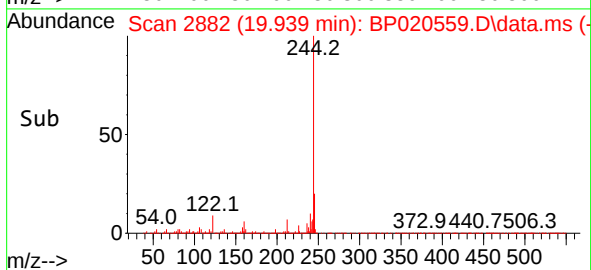
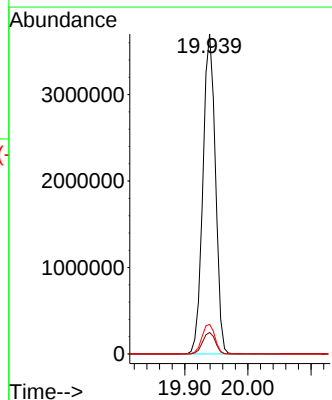
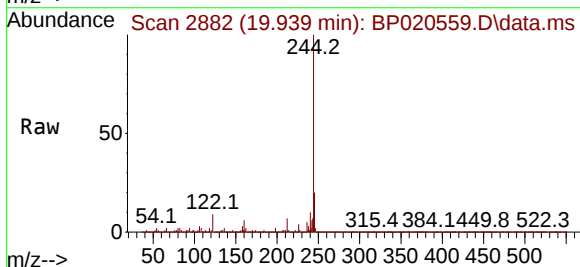
Tgt Ion:244 Resp: 5101935

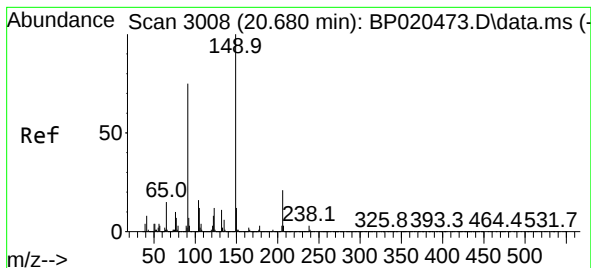
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 9.2 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.670 ng

RT: 20.675 min Scan# 3008

Delta R.T. -0.005 min

Lab File: BP020559.D

Acq: 07 Jun 2024 14:01

Instrument :

BNA_P

ClientSampleId :

B-01

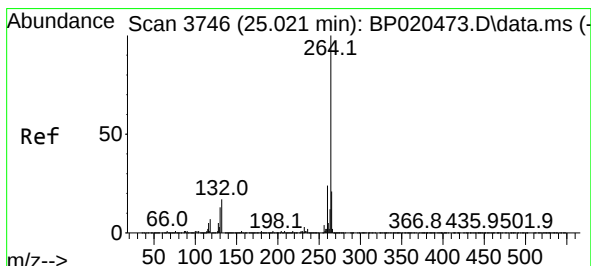
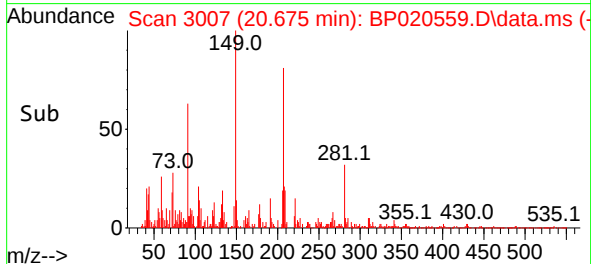
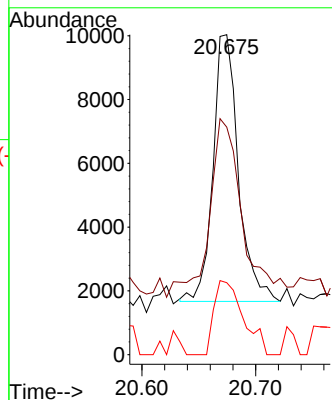
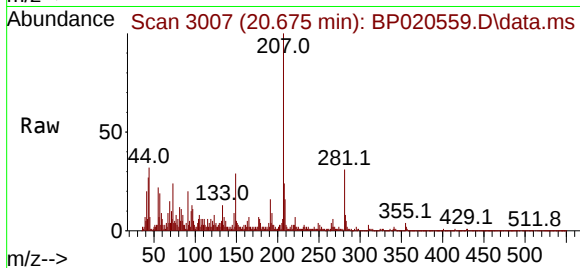
Tgt Ion:149 Resp: 12999

Ion Ratio Lower Upper

149 100

91 71.1 60.0 90.0

206 22.5 16.6 25.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.021 min Scan# 3746

Delta R.T. 0.000 min

Lab File: BP020559.D

Acq: 07 Jun 2024 14:01

Tgt Ion:264 Resp: 2022535

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.6 17.4 26.0

