

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011672.D
 Acq On : 09 Sep 2022 20:15
 Operator : CG/JU
 Sample : N4549-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB090822

Quant Time: Sep 10 00:56:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 00:48:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	412749	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1571438	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	902825	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1857031	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1826287	20.000	ng	0.00
86) Perylene-d12	23.898	264	2001685	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	1656837	70.994	ng	0.00
7) Phenol-d6	7.111	99	1210425	39.197	ng	0.00
23) Nitrobenzene-d5	9.128	82	2648248	103.446	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1916964	187.928	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	6631760	105.042	ng	0.00
79) Terphenyl-d14	19.904	244	9229353	105.848	ng	0.00

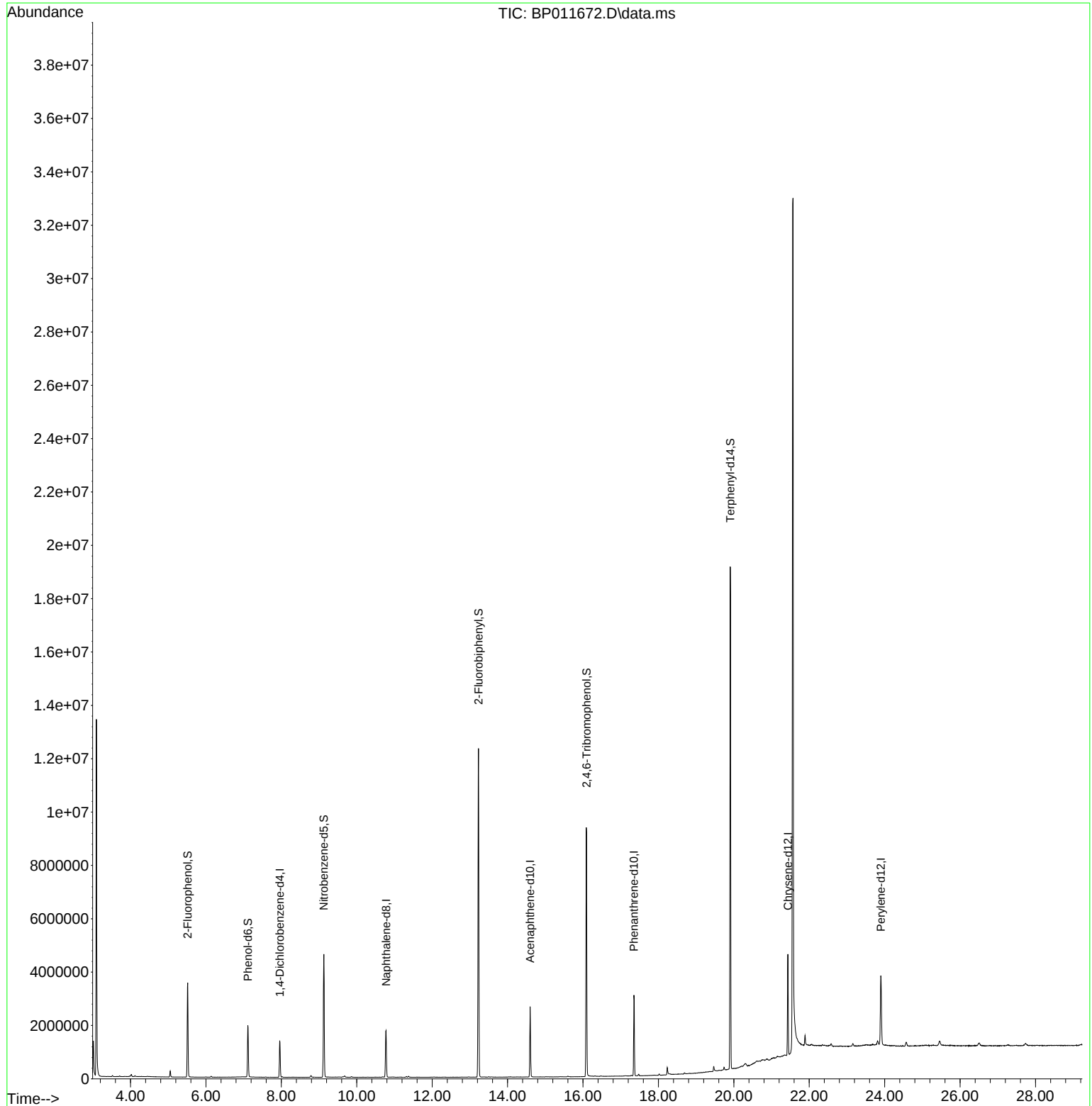
Target Compounds	Qvalue

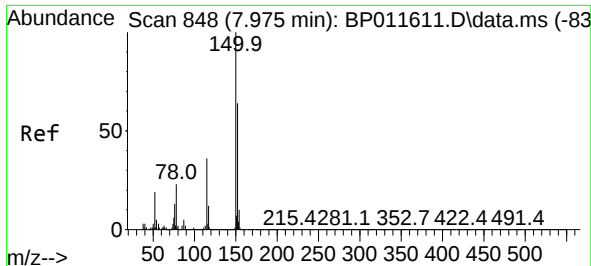
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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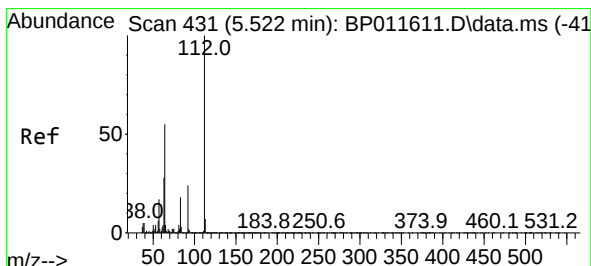
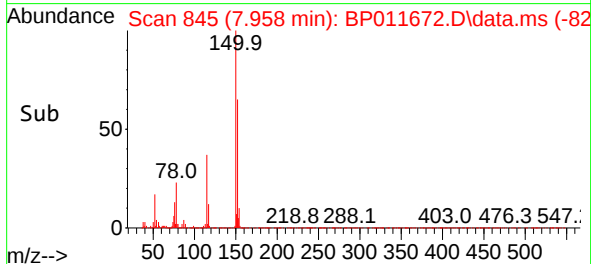
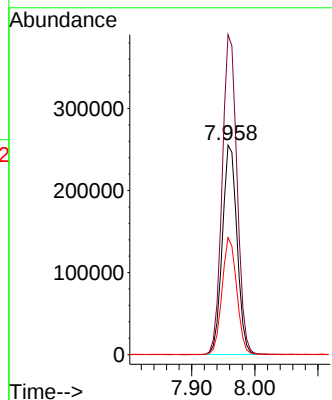
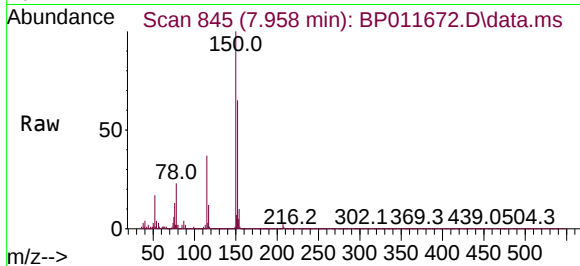




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

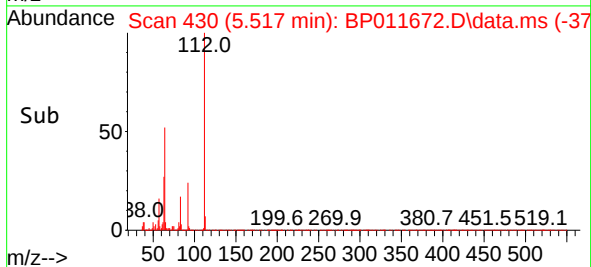
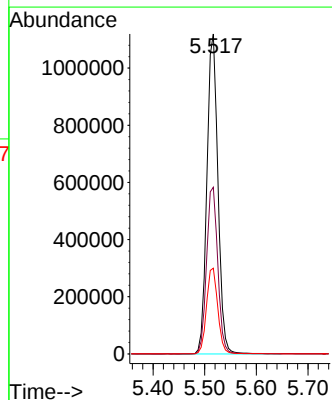
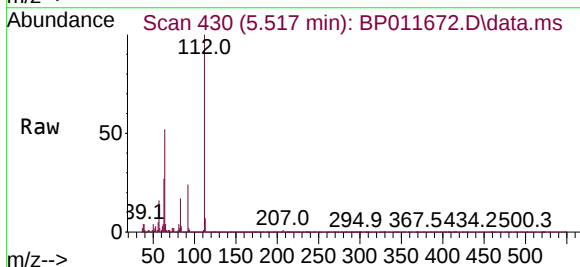
Instrument :
BNA_P
ClientSampleId :
FB090822

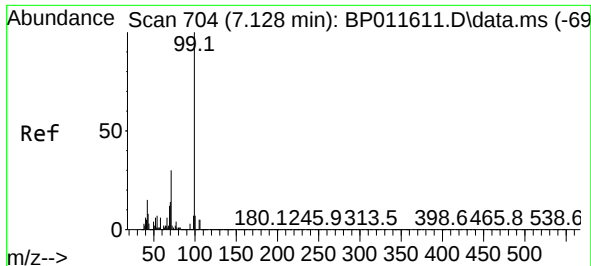
Tgt Ion:152 Resp: 412749
Ion Ratio Lower Upper
152 100
150 152.8 123.4 185.2
115 55.9 51.3 76.9



#5
2-Fluorophenol
Concen: 70.994 ng
RT: 5.517 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

Tgt Ion:112 Resp: 1656837
Ion Ratio Lower Upper
112 100
64 52.1 56.9 85.3#
63 26.8 31.2 46.8#

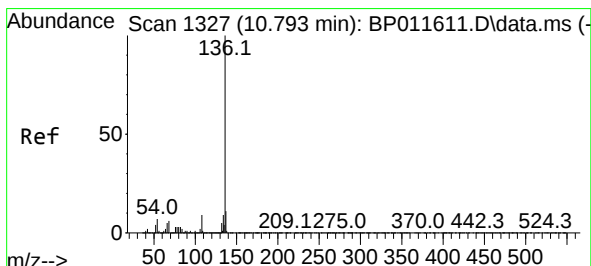
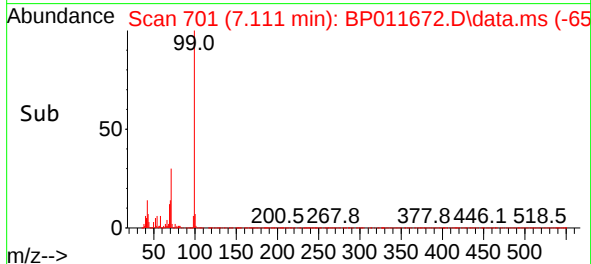
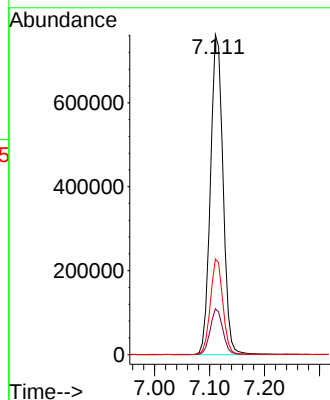
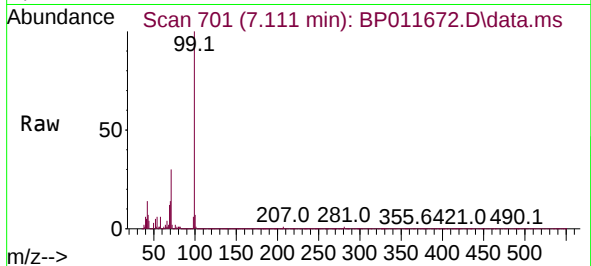




#7
Phenol-d6
Concen: 39.197 ng
RT: 7.111 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

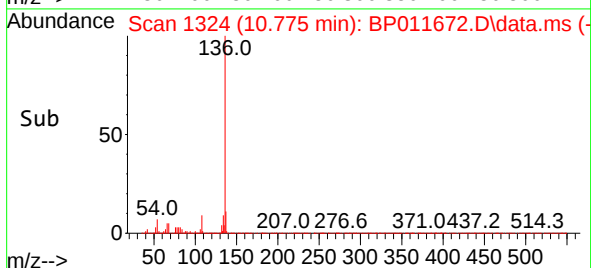
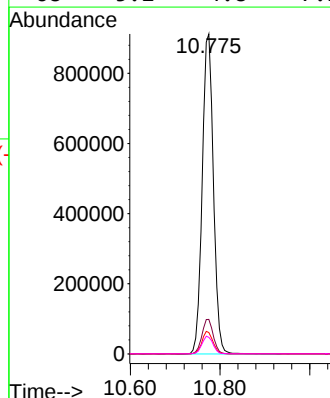
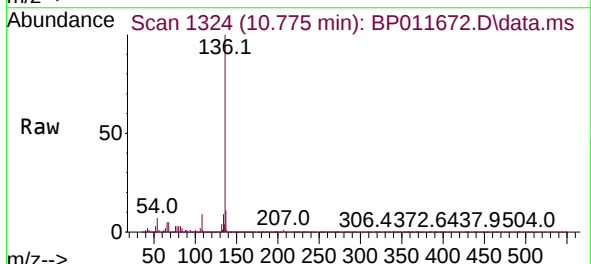
Instrument :
BNA_P
ClientSampleId :
FB090822

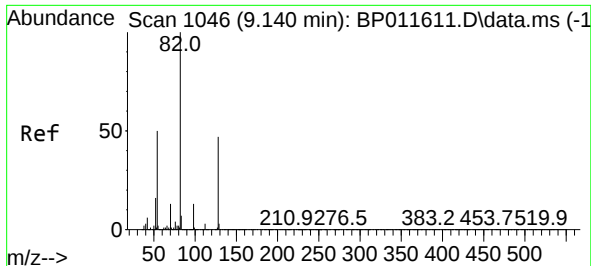
Tgt Ion: 99 Resp: 1210425
Ion Ratio Lower Upper
99 100
42 14.3 20.3 30.5#
71 29.9 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

Tgt Ion: 136 Resp: 1571438
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.7 8.7 13.1#
68 5.2 4.8 7.2

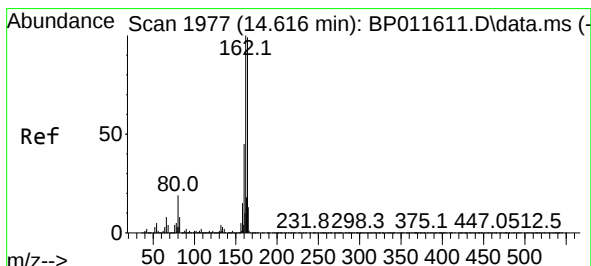
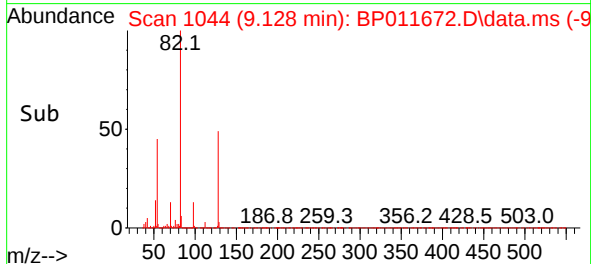
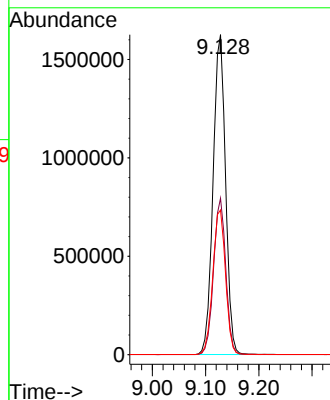
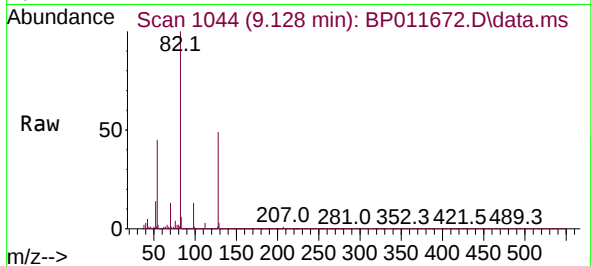




#23
Nitrobenzene-d5
Concen: 103.446 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

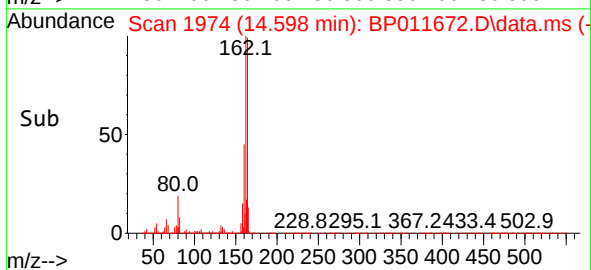
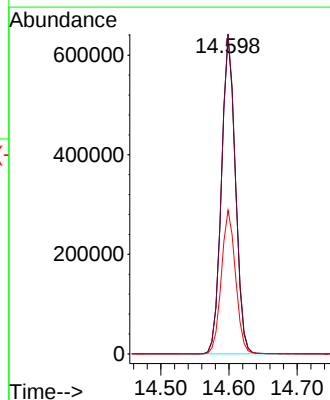
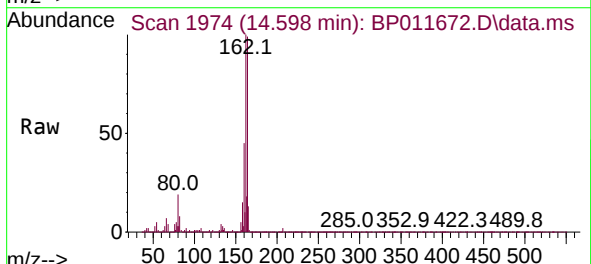
Instrument :
BNA_P
ClientSampleId :
FB090822

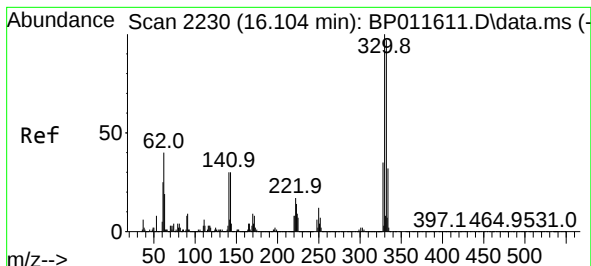
Tgt Ion: 82 Resp: 2648248
Ion Ratio Lower Upper
82 100
128 48.9 31.3 46.9#
54 45.2 49.8 74.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

Tgt Ion:164 Resp: 902825
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 45.4 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 187.928 ng

RT: 16.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

Instrument :

BNA_P

ClientSampleId :

FB090822

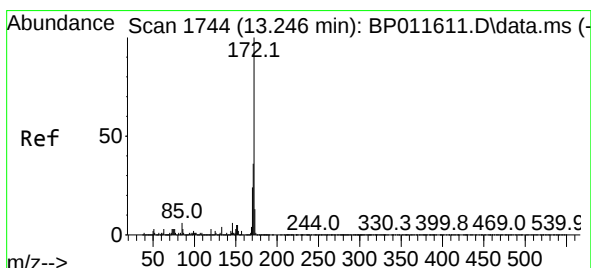
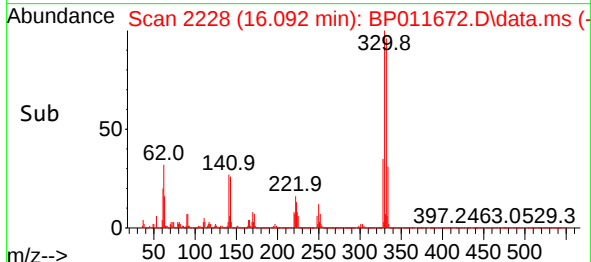
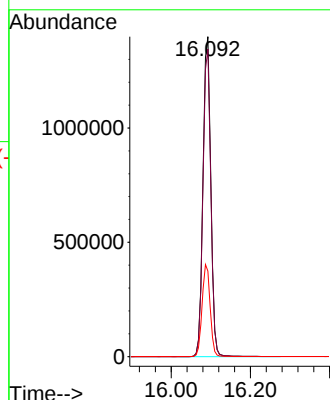
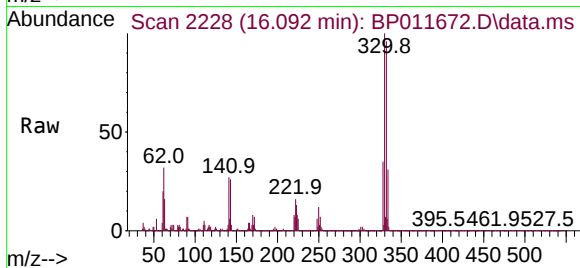
Tgt Ion:330 Resp: 1916964

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 29.6 31.4 47.2#



#45

2-Fluorobiphenyl

Concen: 105.042 ng

RT: 13.228 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

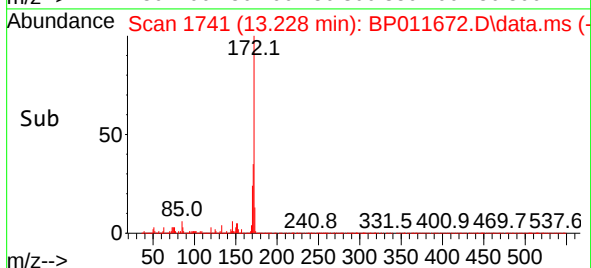
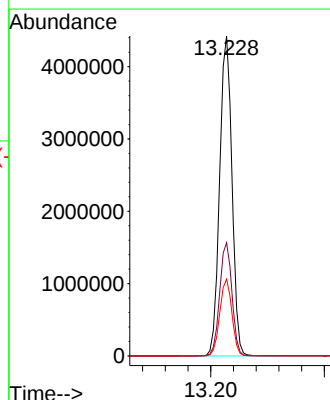
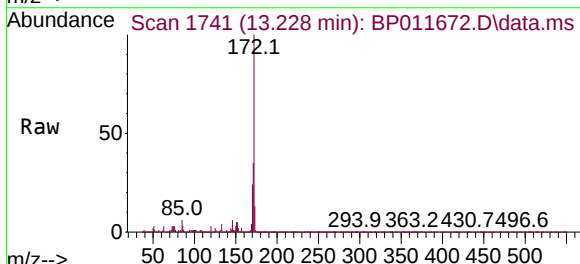
Tgt Ion:172 Resp: 6631760

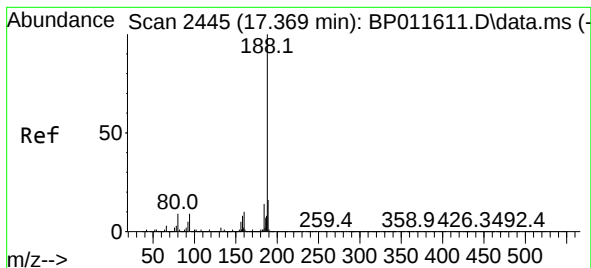
Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 24.0 18.2 27.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

Instrument :

BNA_P

ClientSampleId :

FB090822

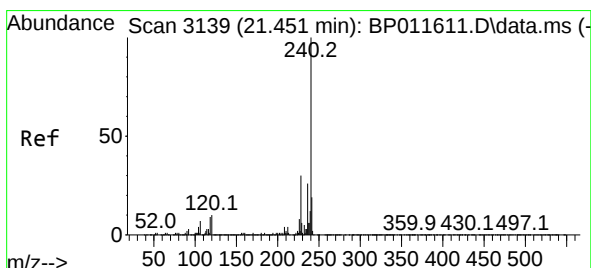
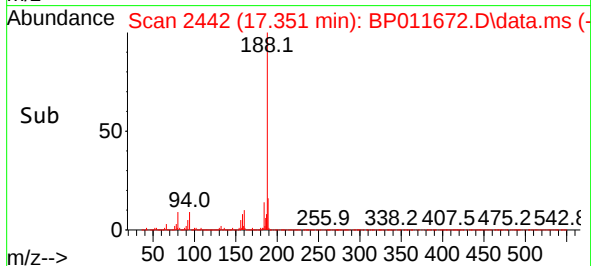
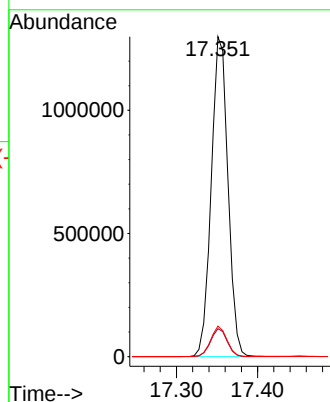
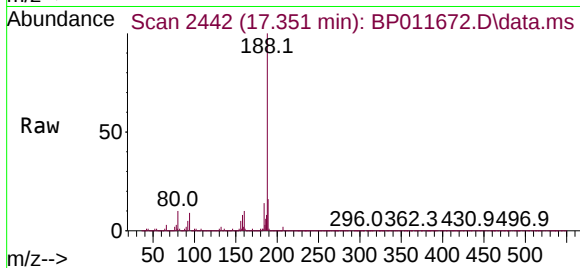
Tgt Ion:188 Resp: 1857031

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.5 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

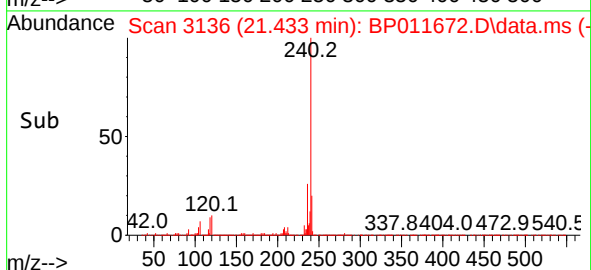
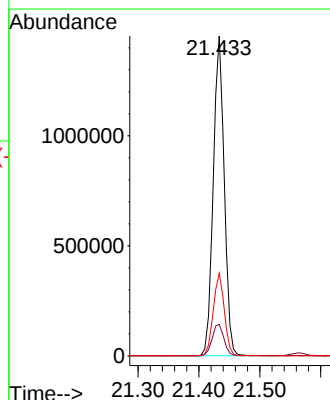
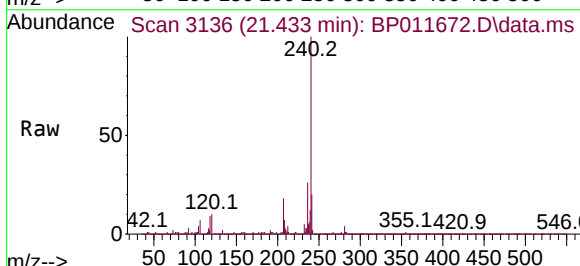
Tgt Ion:240 Resp: 1826287

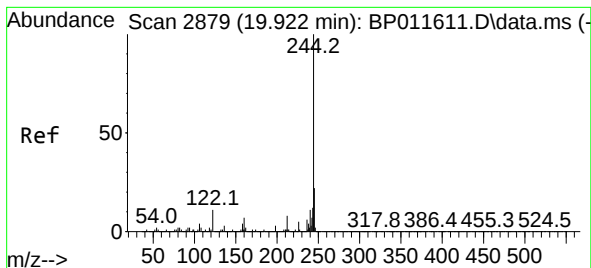
Ion Ratio Lower Upper

240 100

120 9.8 8.6 12.8

236 25.8 19.8 29.6





#79

Terphenyl-d14

Concen: 105.848 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

Instrument :

BNA_P

ClientSampleId :

FB090822

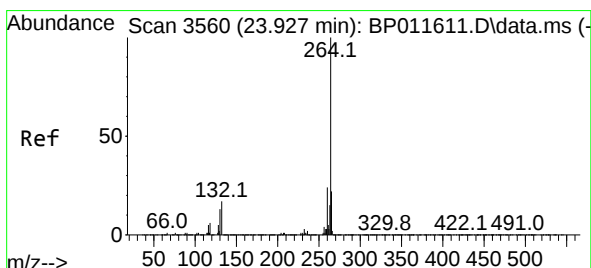
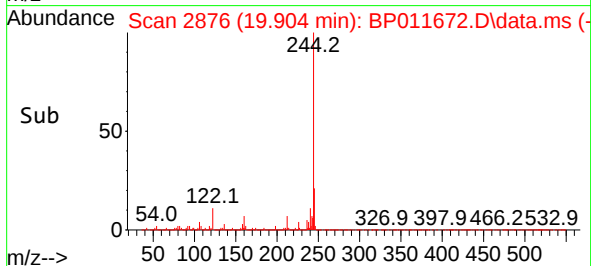
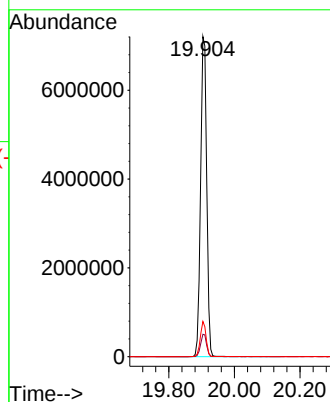
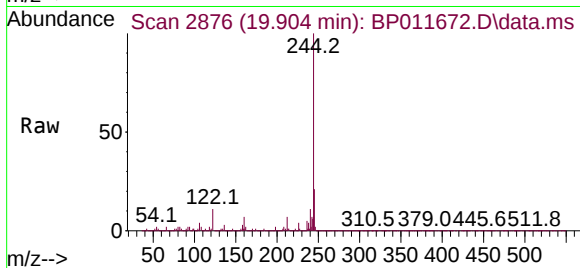
Tgt Ion:244 Resp: 9229353

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 11.0 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.898 min Scan# 3555

Delta R.T. -0.012 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

Tgt Ion:264 Resp: 2001685

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.2 18.0 27.0

