

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
 Data File : BP007906.D
 Acq On : 10 Nov 2021 00:19
 Operator : CG/JU
 Sample : M4485-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-9

Quant Time: Nov 10 11:07:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 10:45:24 2021
 Response via : Initial Calibration

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

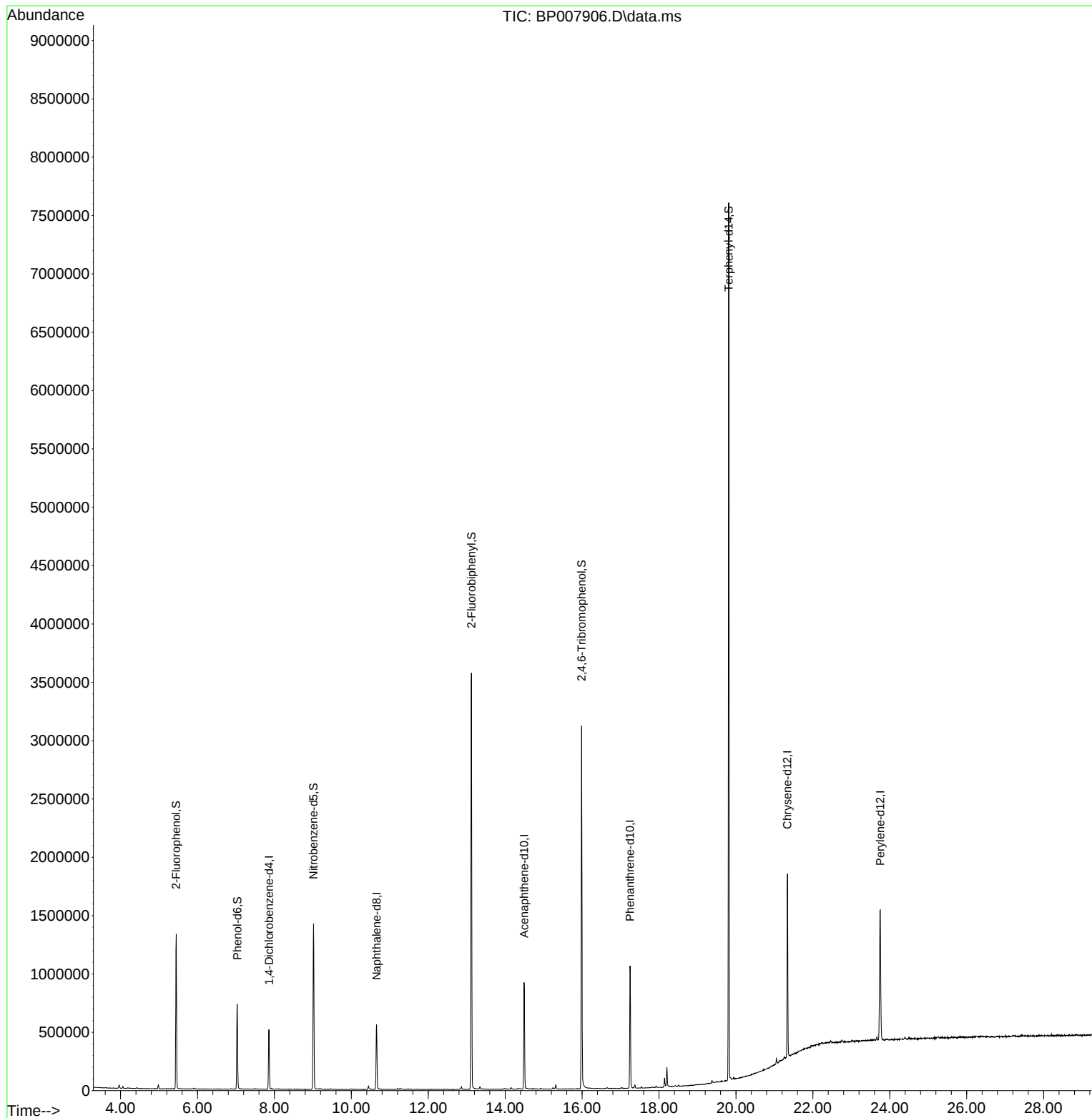
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	139426	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	458665	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	290178	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	641822	20.000	ng	-0.01
76) Chrysene-d12	21.339	240	787535	20.000	ng	#-0.01
86) Perylene-d12	23.751	264	900983	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	555138	67.525	ng	0.00
7) Phenol-d6	7.034	99	404396	33.985	ng	0.00
23) Nitrobenzene-d5	9.016	82	791961	92.752	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	618570	149.368	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	1838302	92.256	ng	0.00
79) Terphenyl-d14	19.810	244	3366355	87.042	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.352	88	309	Below Cal	#	Qvalue 39

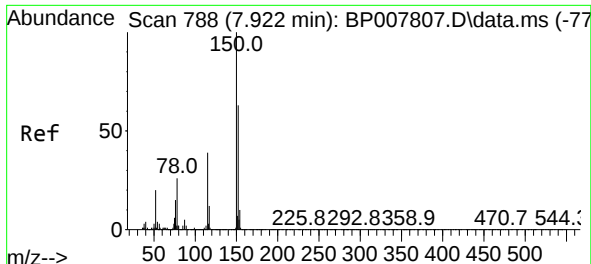
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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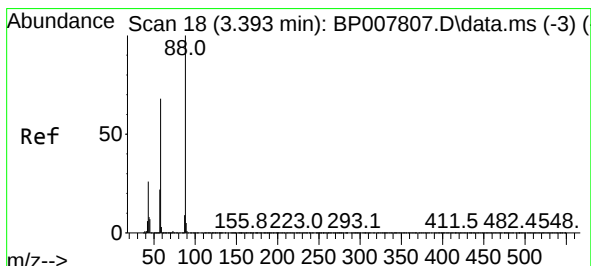
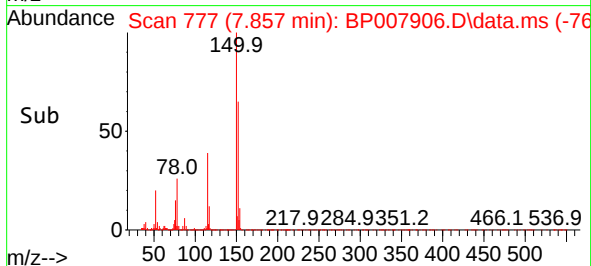
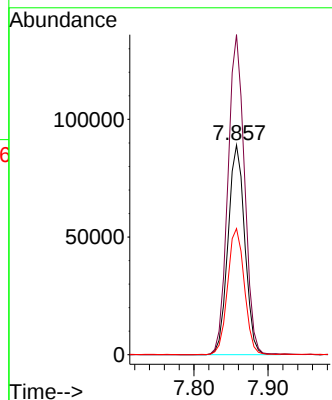
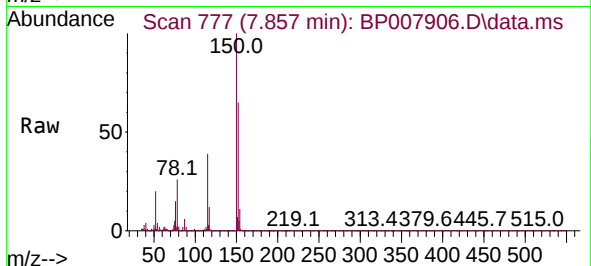




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.857 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BP007906.D
 Acq: 10 Nov 2021 00:19

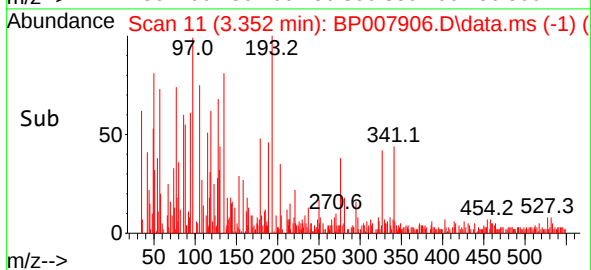
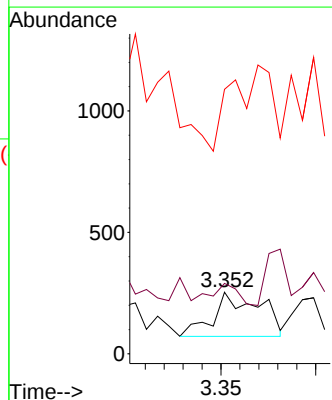
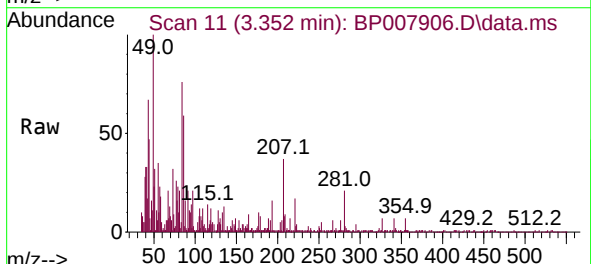
Instrument :
 BNA_F
 ClientSampleId :
 AG-9

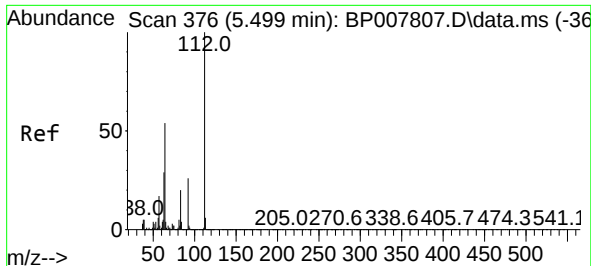
Tgt Ion:152 Resp: 139426
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.1 186.1
 115 60.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.352 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP007906.D
 Acq: 10 Nov 2021 00:19

Tgt Ion: 88 Resp: 309
 Ion Ratio Lower Upper
 88 100
 58 18.8 58.1 87.1#
 43 0.0 22.2 33.4#

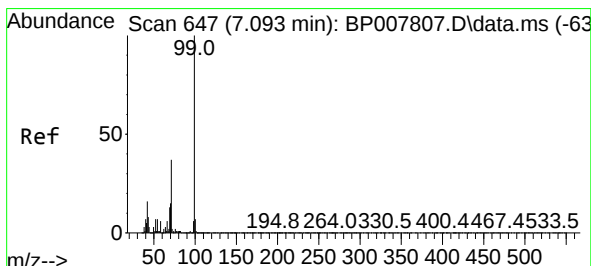
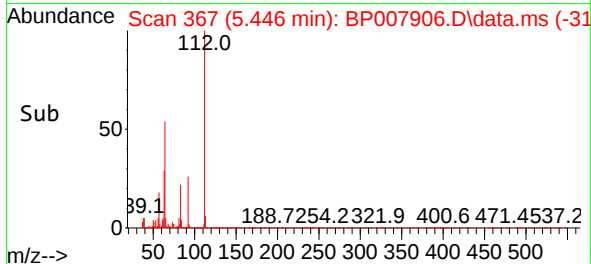
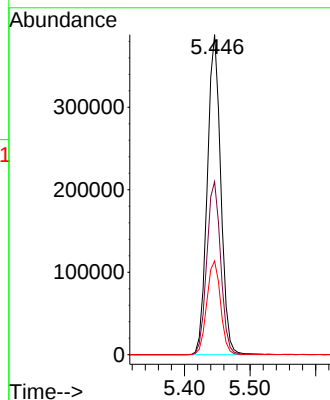
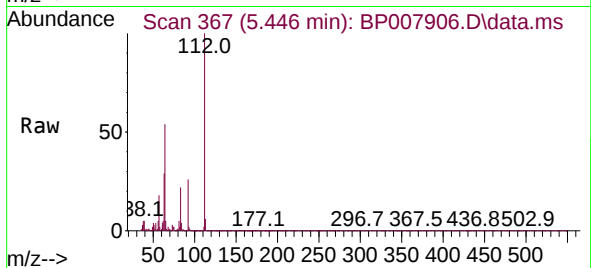




#5
2-Fluorophenol
Concen: 67.525 ng
RT: 5.446 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP007906.D
Acq: 10 Nov 2021 00:19

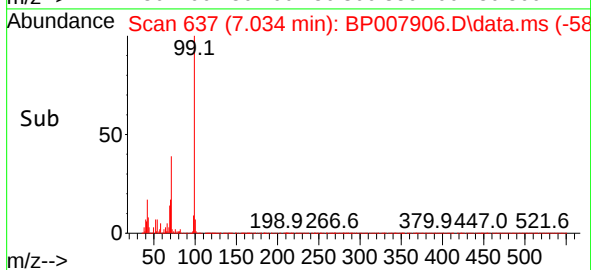
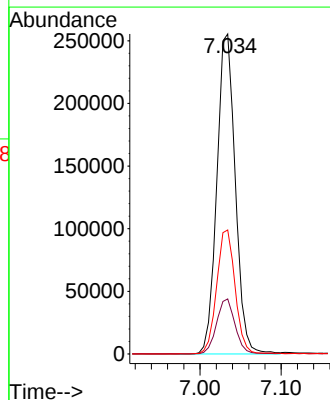
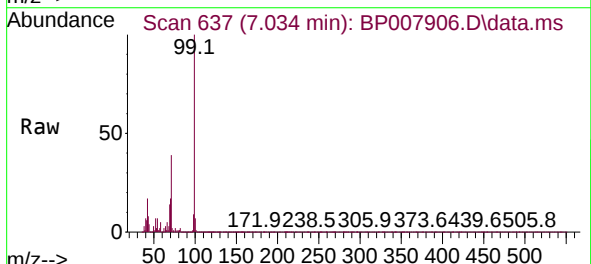
Instrument :
BNA_F
ClientSampleId :
AG-9

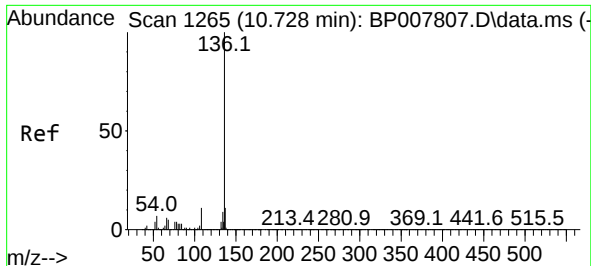
Tgt Ion:112 Resp: 555138
Ion Ratio Lower Upper
112 100
64 54.0 46.6 70.0
63 29.3 25.0 37.6



#7
Phenol-d6
Concen: 33.985 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP007906.D
Acq: 10 Nov 2021 00:19

Tgt Ion: 99 Resp: 404396
Ion Ratio Lower Upper
99 100
42 17.2 14.9 22.3
71 38.7 29.2 43.8

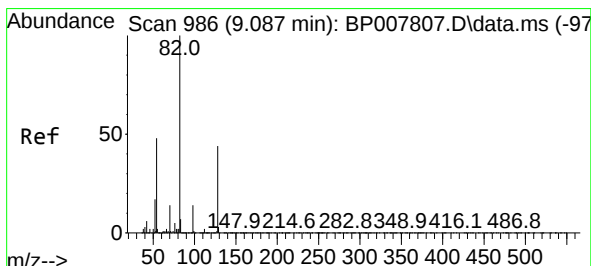
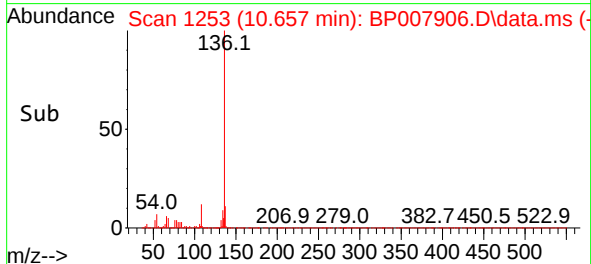
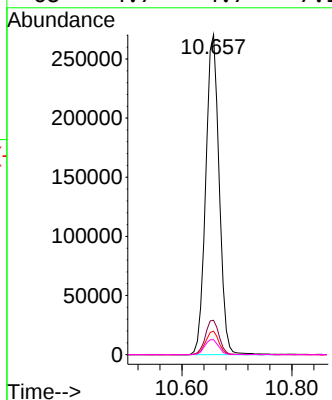
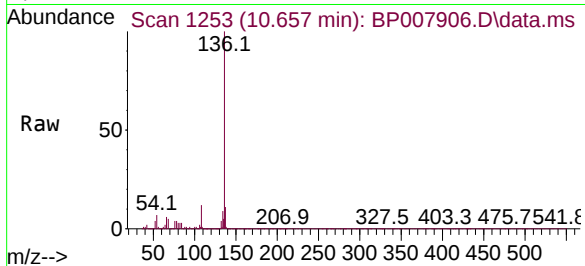




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007906.D
Acq: 10 Nov 2021 00:19

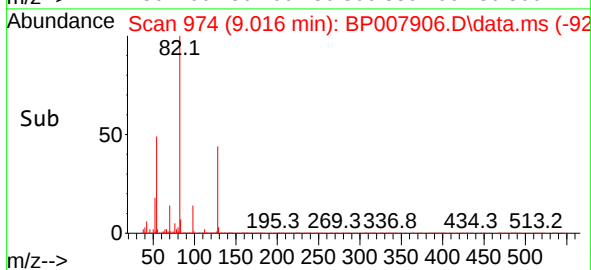
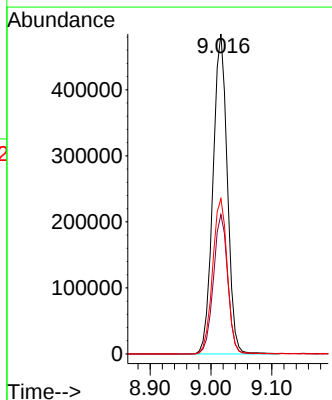
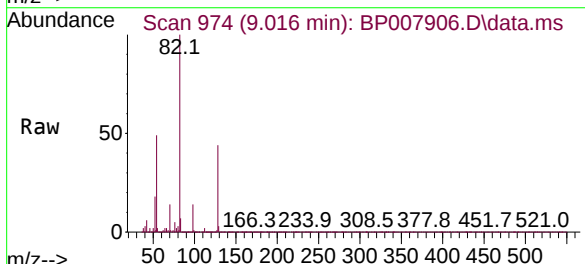
Instrument :
BNA_F
ClientSampleId :
AG-9

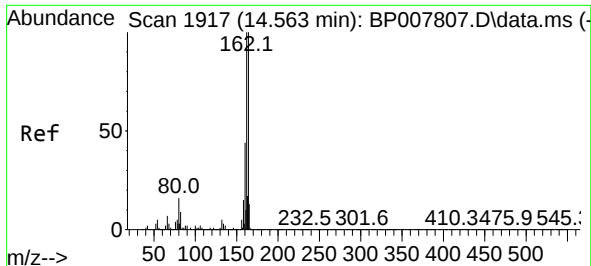
Tgt Ion:136 Resp: 458665
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.3 6.2 9.4
68 4.7 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 92.752 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP007906.D
Acq: 10 Nov 2021 00:19

Tgt Ion: 82 Resp: 791961
Ion Ratio Lower Upper
82 100
128 43.5 32.6 48.8
54 48.6 40.4 60.6

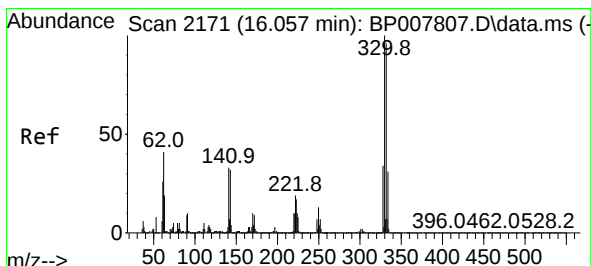
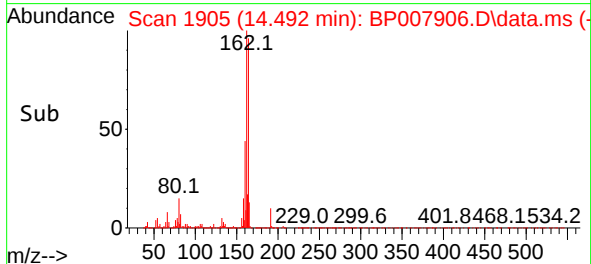
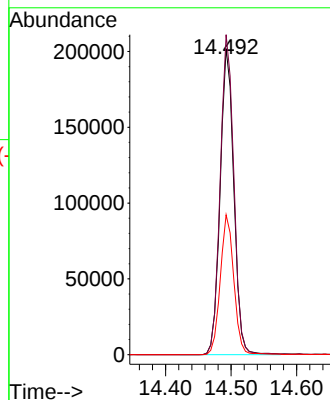
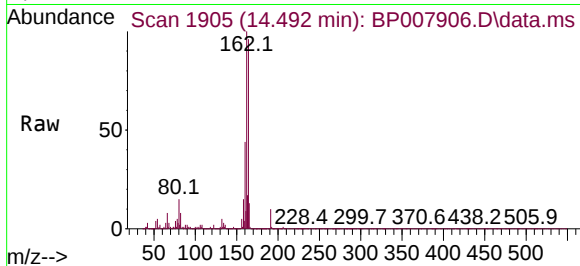




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP007906.D
Acq: 10 Nov 2021 00:19

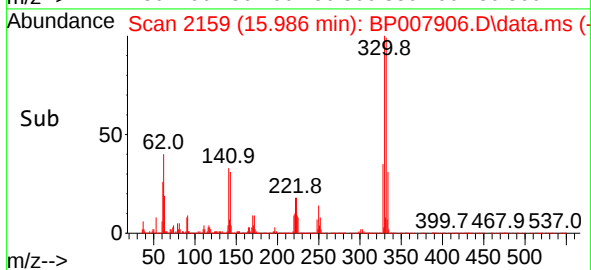
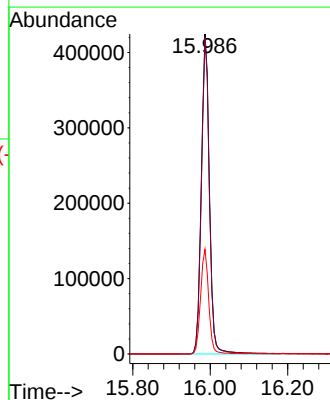
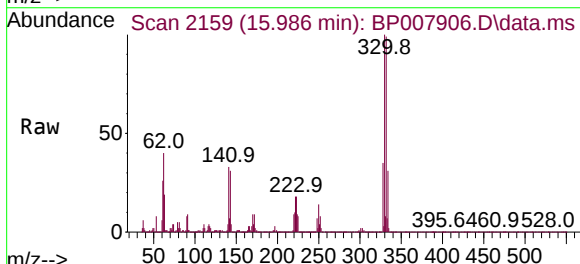
Instrument :
BNA_F
ClientSampleId :
AG-9

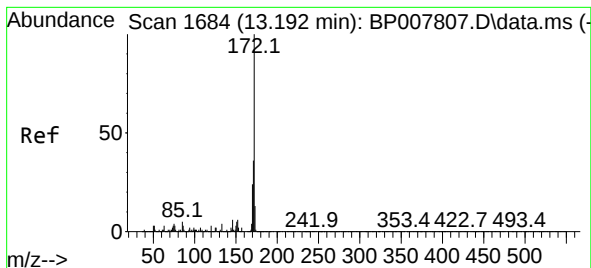
Tgt Ion:164 Resp: 290178
Ion Ratio Lower Upper
164 100
162 104.6 81.1 121.7
160 45.7 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 149.368 ng
RT: 15.986 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP007906.D
Acq: 10 Nov 2021 00:19

Tgt Ion:330 Resp: 618570
Ion Ratio Lower Upper
330 100
332 97.0 78.9 118.3
141 32.7 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 92.256 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP007906.D

Acq: 10 Nov 2021 00:19

Instrument :

BNA_F

ClientSampleId :

AG-9

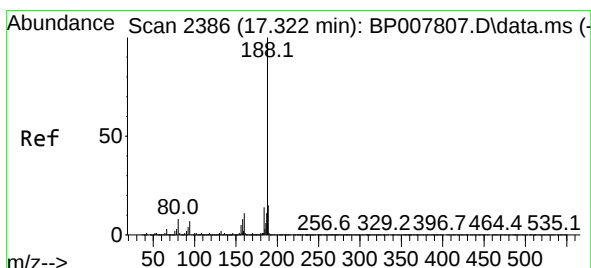
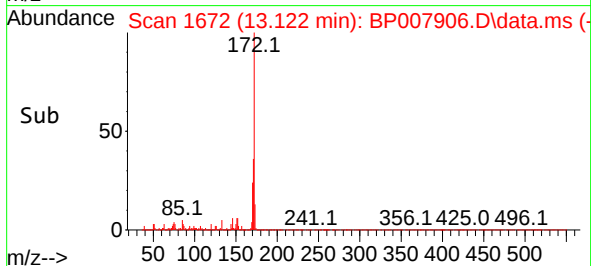
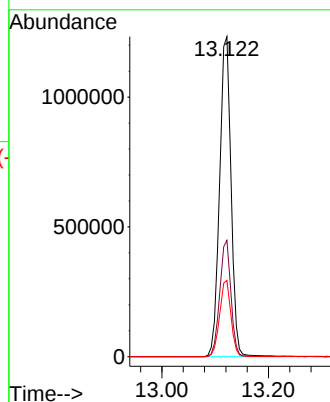
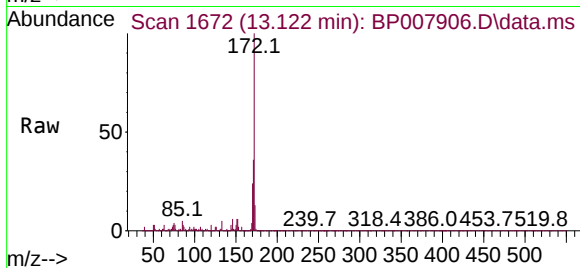
Tgt Ion:172 Resp: 1838302

Ion Ratio Lower Upper

172 100

171 36.4 28.2 42.2

170 23.9 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2373

Delta R.T. -0.012 min

Lab File: BP007906.D

Acq: 10 Nov 2021 00:19

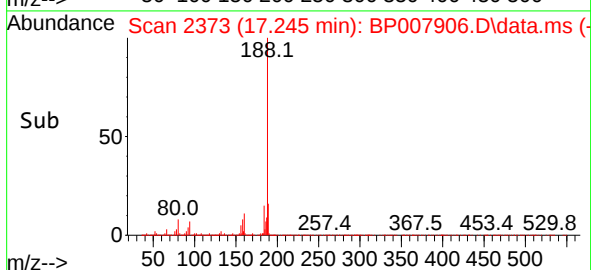
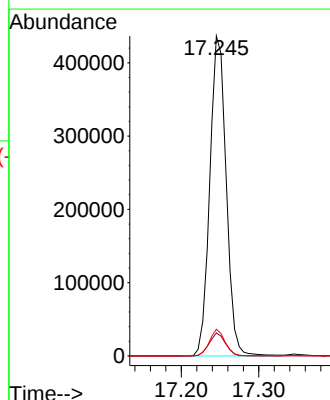
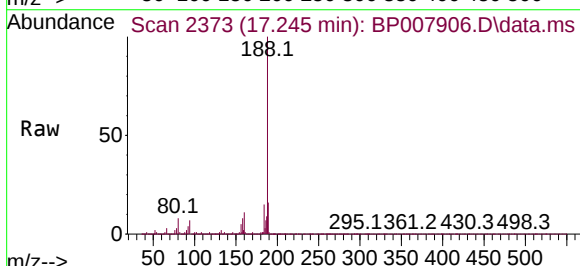
Tgt Ion:188 Resp: 641822

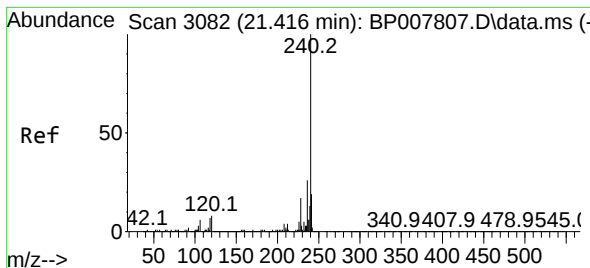
Ion Ratio Lower Upper

188 100

94 7.2 7.1 10.7

80 8.4 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BP007906.D

Acq: 10 Nov 2021 00:19

Instrument :

BNA_F

ClientSampleId :

AG-9

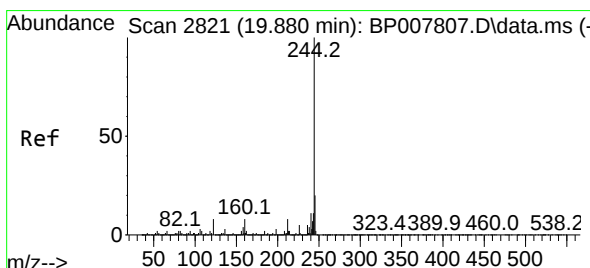
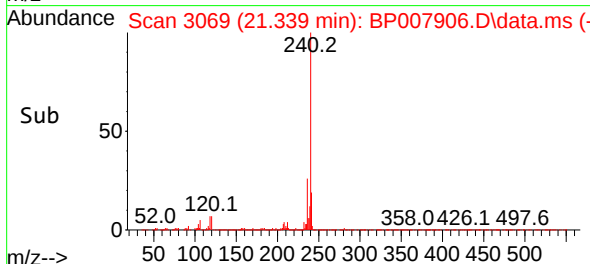
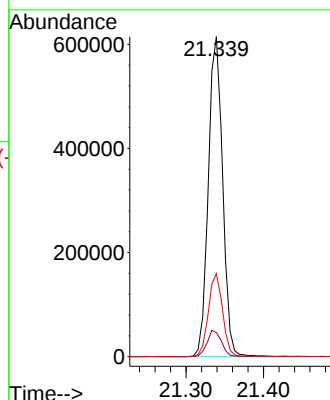
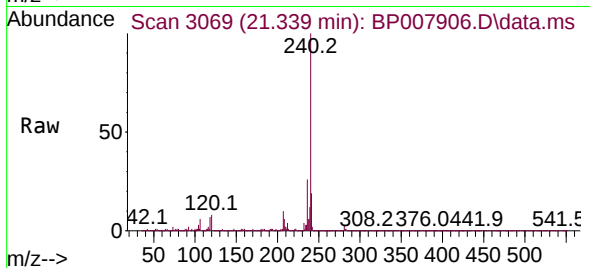
Tgt Ion:240 Resp: 787535

Ion Ratio Lower Upper

240 100

120 7.6 7.8 11.8#

236 25.9 20.6 30.8



#79

Terphenyl-d14

Concen: 87.042 ng

RT: 19.810 min Scan# 2809

Delta R.T. -0.012 min

Lab File: BP007906.D

Acq: 10 Nov 2021 00:19

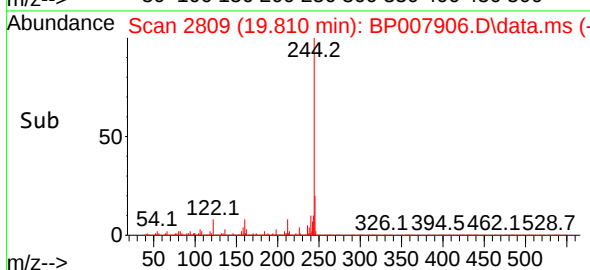
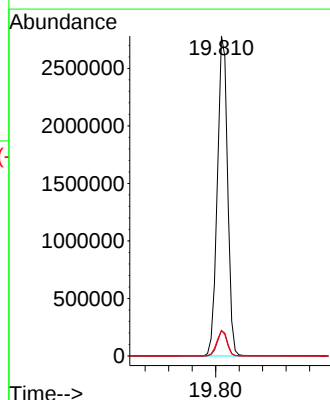
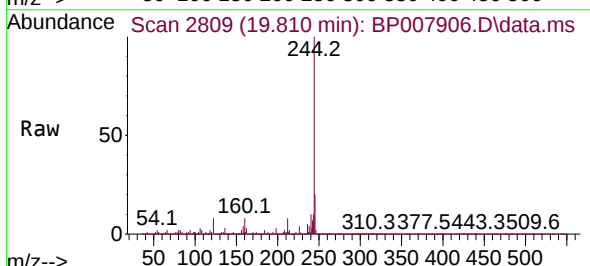
Tgt Ion:244 Resp: 3366355

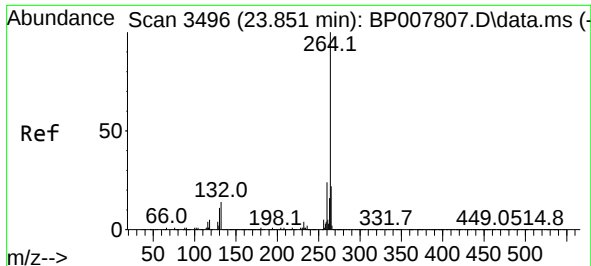
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 8.0 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP007906.D
Acq: 10 Nov 2021 00:19

Instrument :
BNA_F
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AG-9

Tgt Ion:264 Resp: 900983
Ion Ratio Lower Upper
264 100
260 24.4 19.1 28.7
265 22.1 16.7 25.1

