

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
 Data File : BP007902.D
 Acq On : 09 Nov 2021 22:03
 Operator : CG/JU
 Sample : M4485-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-10

Quant Time: Nov 10 11:05:38 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)

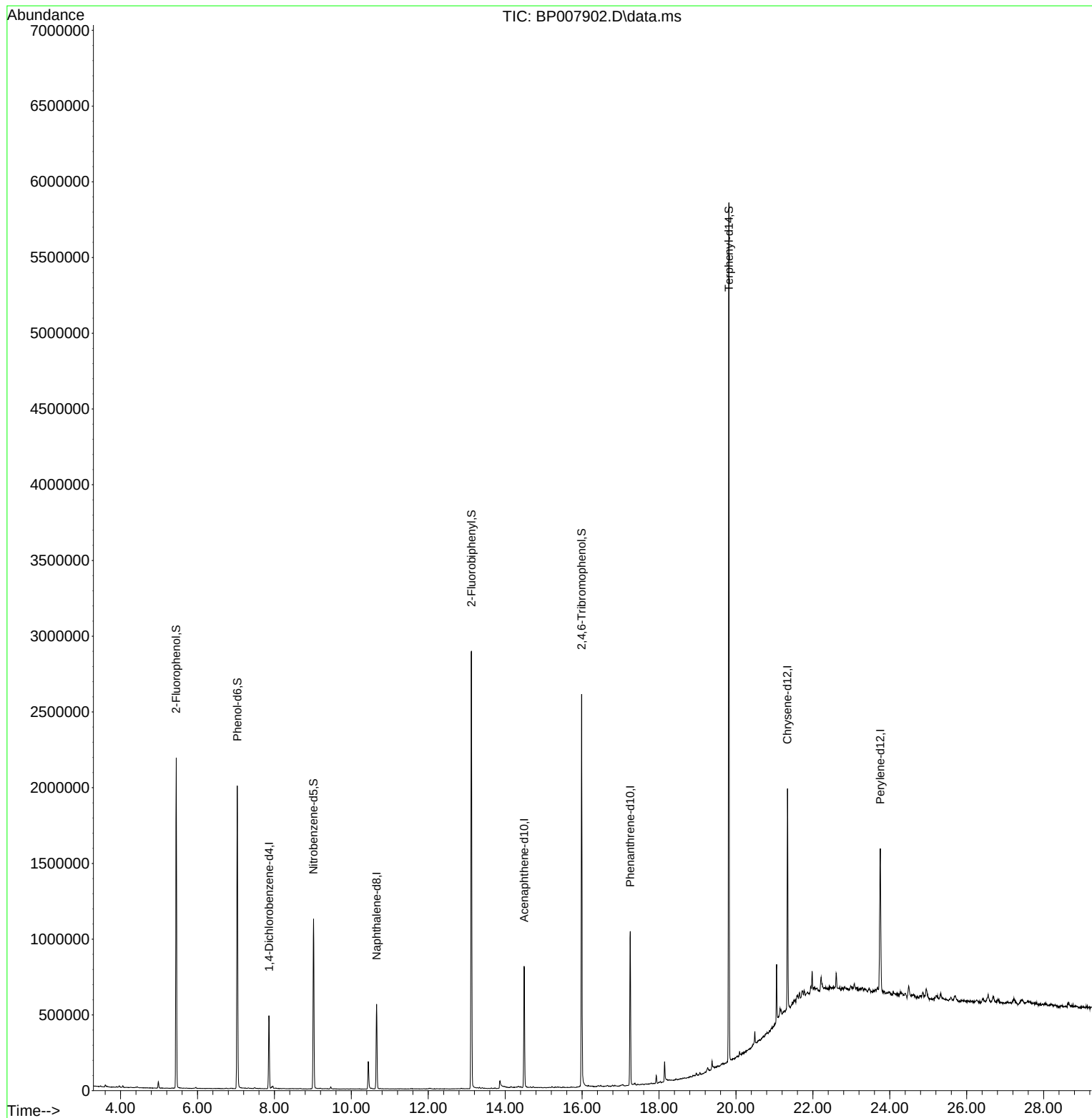
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	129923	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	449962	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	288023	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	632559	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	710298	20.000	ng	-0.01
86) Perylene-d12	23.751	264	755876	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	908975	118.652	ng	0.00
7) Phenol-d6	7.034	99	1102079	99.391	ng	0.00
23) Nitrobenzene-d5	9.016	82	632755	75.539	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	506296	123.171	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	1540733	77.901	ng	0.00
79) Terphenyl-d14	19.816	244	2552699	73.181	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.346	88	146	Below Cal	#	Qvalue 1

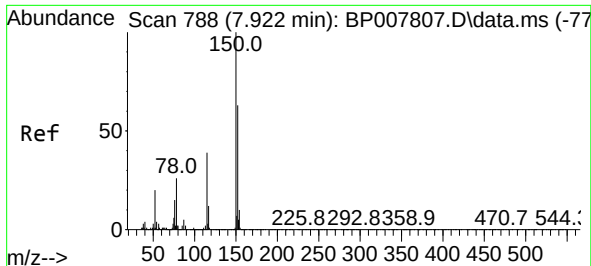
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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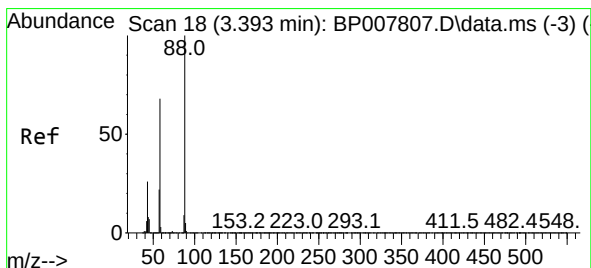
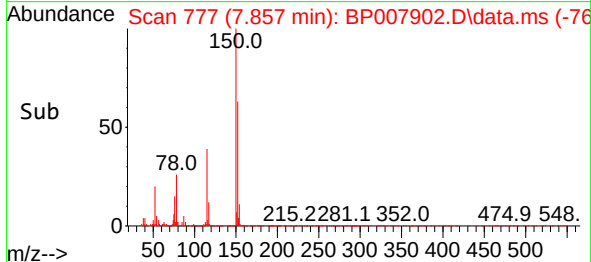
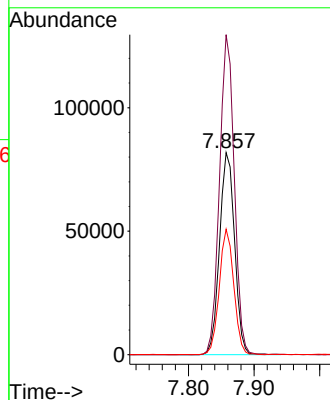
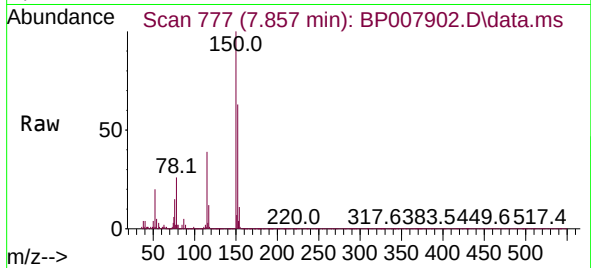




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.857 min Scan# 7
 Delta R.T. -0.007 min
 Lab File: BP007902.D
 Acq: 09 Nov 2021 22:03

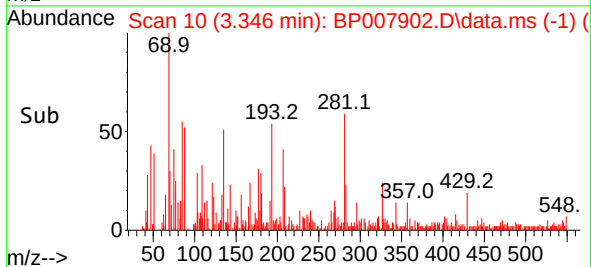
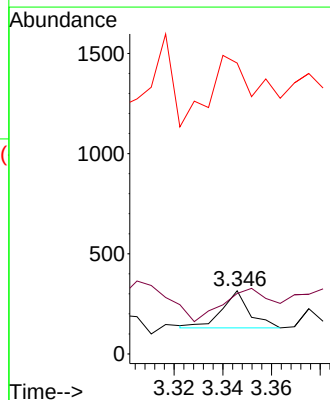
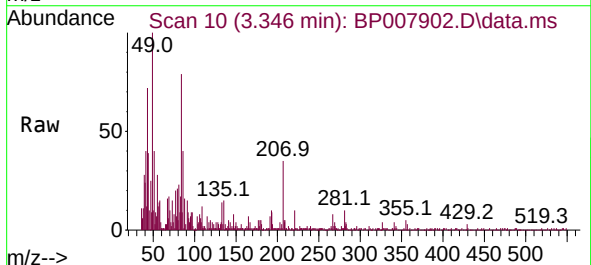
Instrument :
 BNA_F
 ClientSampleId :
 AG-10

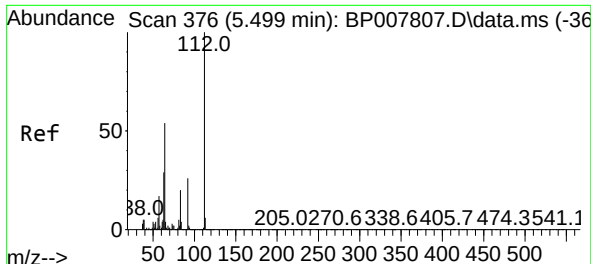
Tgt Ion:152 Resp: 129923
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.1 186.1
 115 62.1 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.346 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BP007902.D
 Acq: 09 Nov 2021 22:03

Tgt Ion: 88 Resp: 146
 Ion Ratio Lower Upper
 88 100
 58 157.5 58.1 87.1#
 43 175.3 22.2 33.4#

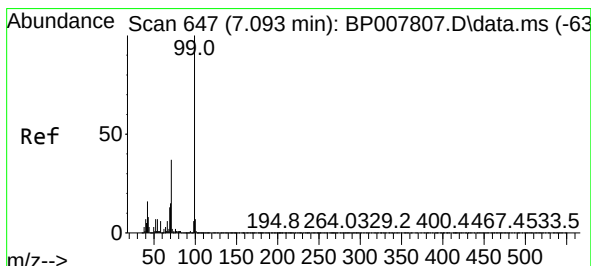
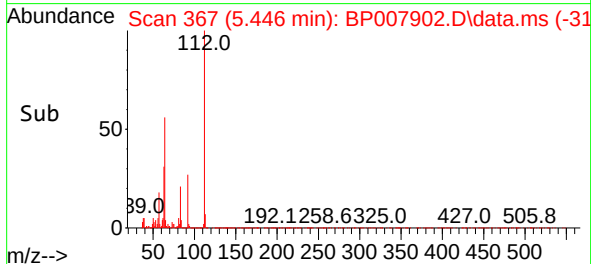
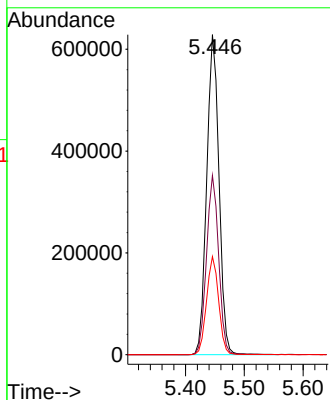
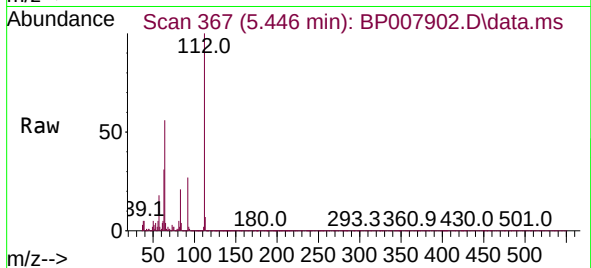




#5
2-Fluorophenol
Concen: 118.652 ng
RT: 5.446 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP007902.D
Acq: 09 Nov 2021 22:03

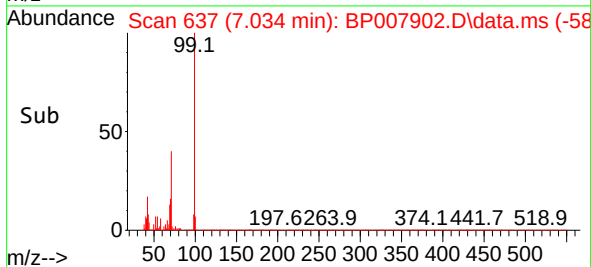
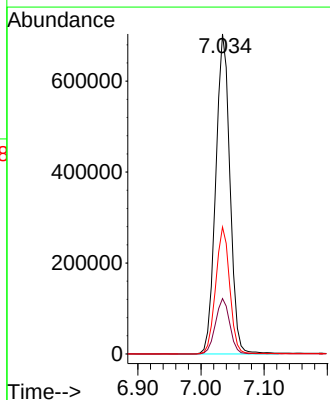
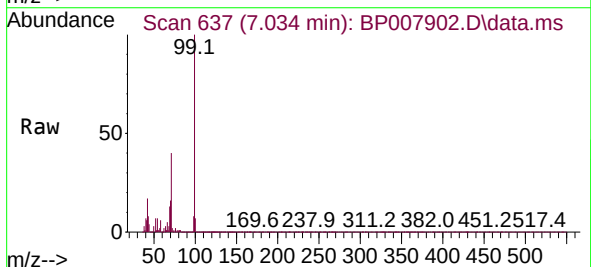
Instrument :
BNA_F
ClientSampleId :
AG-10

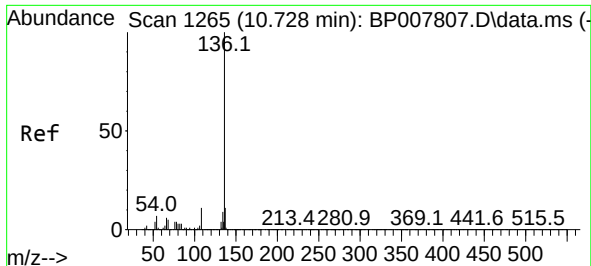
Tgt Ion:112 Resp: 908975
Ion Ratio Lower Upper
112 100
64 56.0 46.6 70.0
63 30.6 25.0 37.6



#7
Phenol-d6
Concen: 99.391 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP007902.D
Acq: 09 Nov 2021 22:03

Tgt Ion: 99 Resp: 1102079
Ion Ratio Lower Upper
99 100
42 17.3 14.9 22.3
71 39.7 29.2 43.8

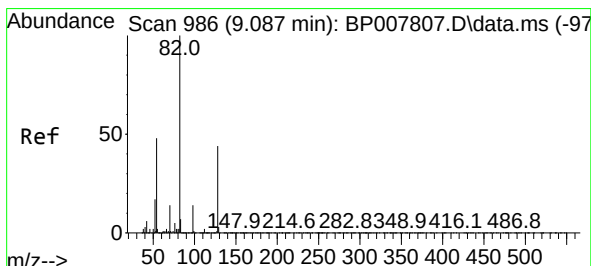
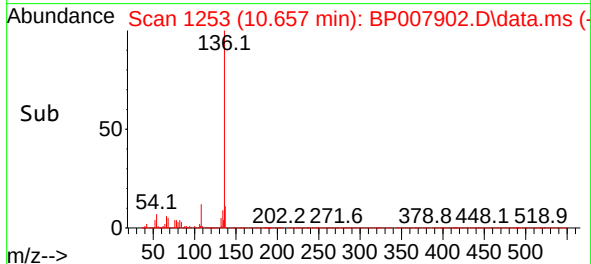
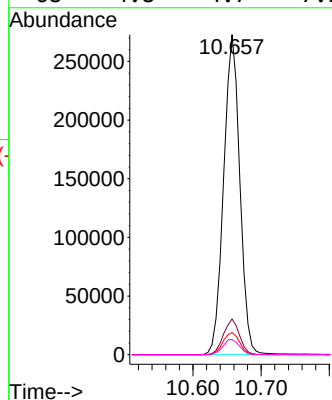
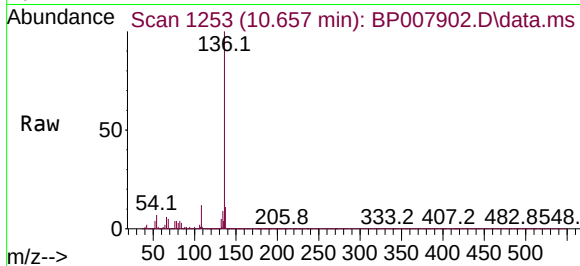




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007902.D
Acq: 09 Nov 2021 22:03

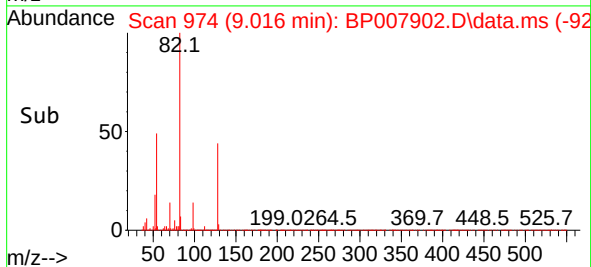
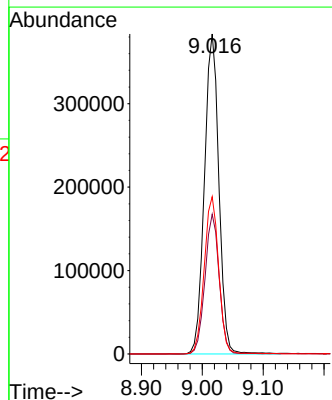
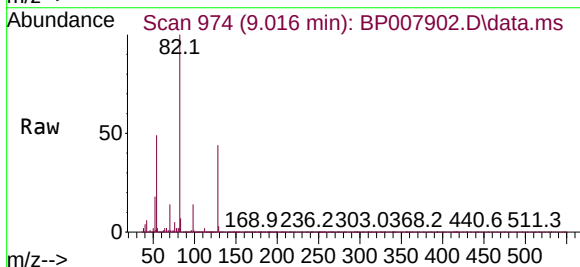
Instrument :
BNA_F
ClientSampleId :
AG-10

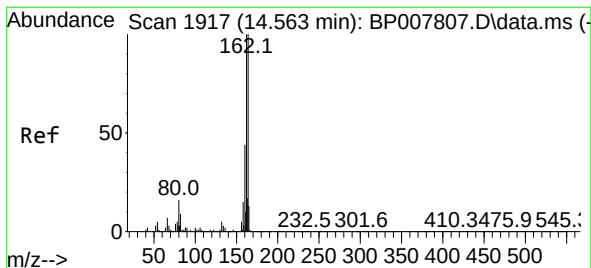
Tgt Ion:	136	Resp:	449962
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.9	6.2	9.4
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 75.539 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP007902.D
Acq: 09 Nov 2021 22:03

Tgt Ion:	82	Resp:	632755
Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.6	48.8
54	49.1	40.4	60.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BP007902.D

Acq: 09 Nov 2021 22:03

Instrument :

BNA_F

ClientSampleId :

AG-10

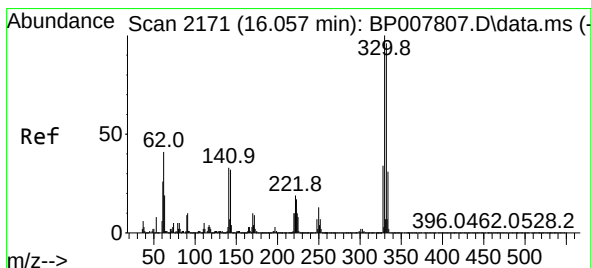
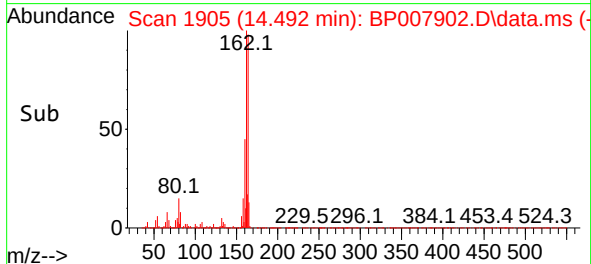
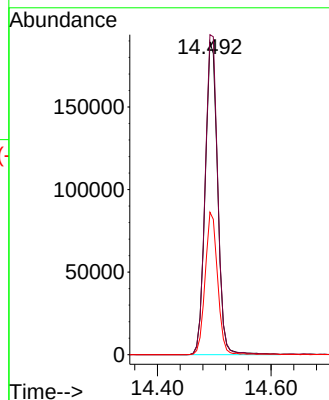
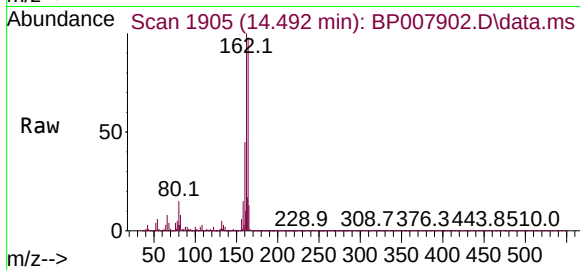
Tgt Ion:164 Resp: 288023

Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

160 45.6 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 123.171 ng

RT: 15.986 min Scan# 2159

Delta R.T. -0.012 min

Lab File: BP007902.D

Acq: 09 Nov 2021 22:03

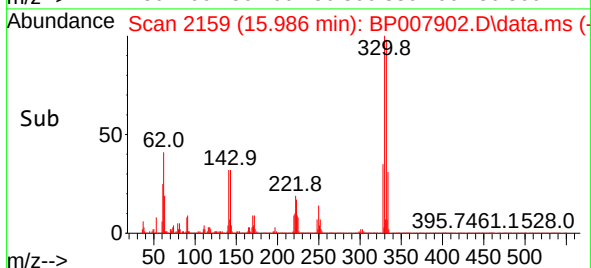
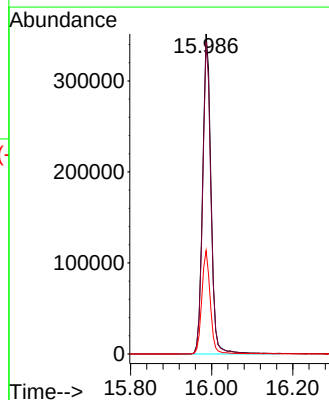
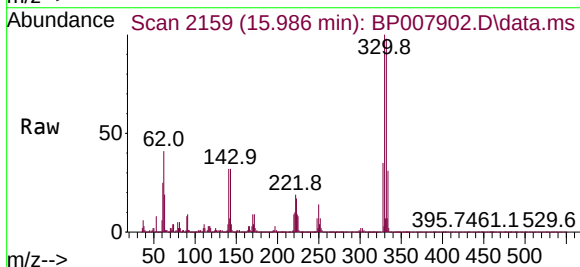
Tgt Ion:330 Resp: 506296

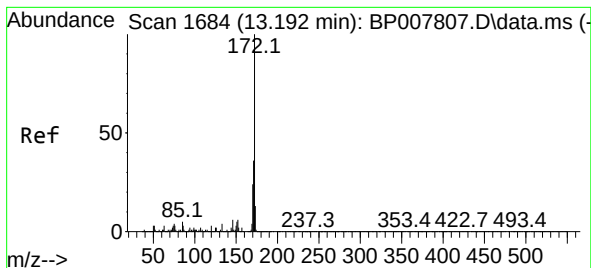
Ion Ratio Lower Upper

330 100

332 95.7 78.9 118.3

141 32.7 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 77.901 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP007902.D

Acq: 09 Nov 2021 22:03

Instrument :

BNA_F

ClientSampleId :

AG-10

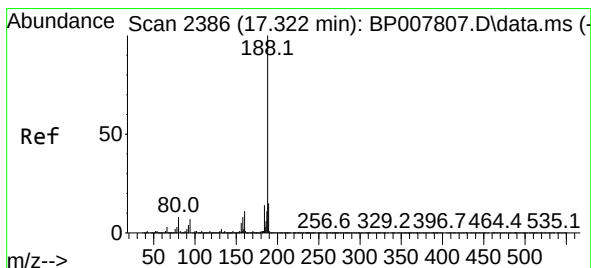
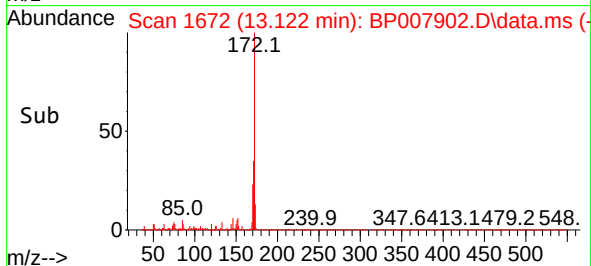
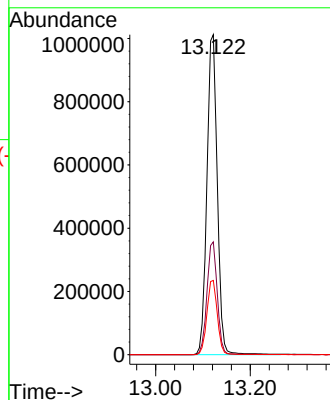
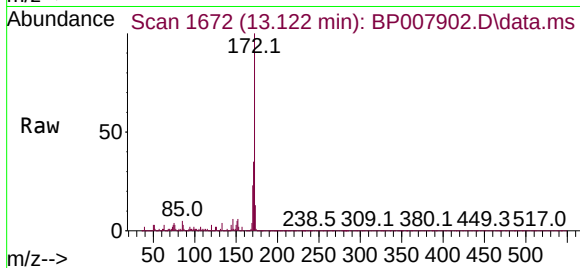
Tgt Ion:172 Resp: 1540733

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.2 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2374

Delta R.T. -0.006 min

Lab File: BP007902.D

Acq: 09 Nov 2021 22:03

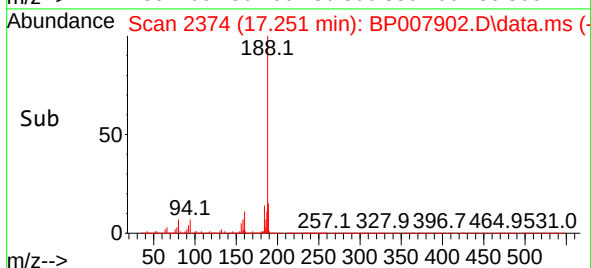
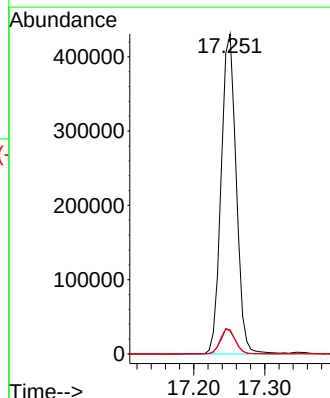
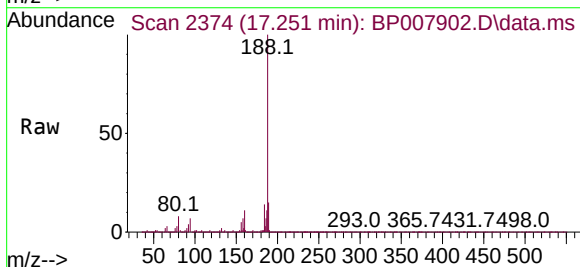
Tgt Ion:188 Resp: 632559

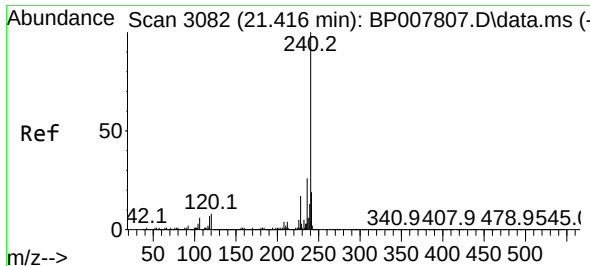
Ion Ratio Lower Upper

188 100

94 7.1 7.1 10.7#

80 7.5 7.8 11.6#

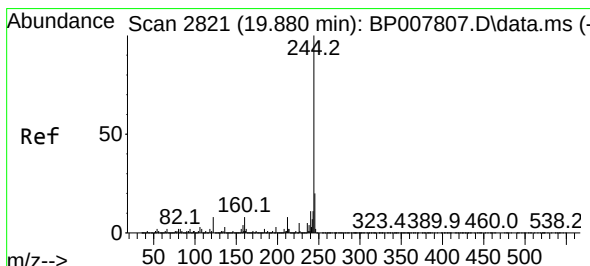
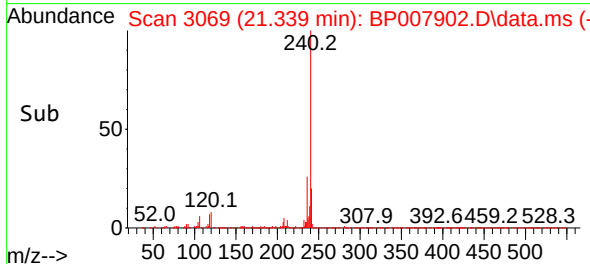
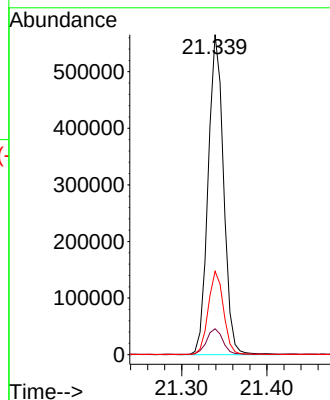
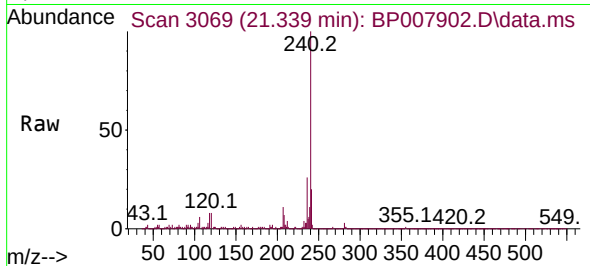




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007902.D
Acq: 09 Nov 2021 22:03

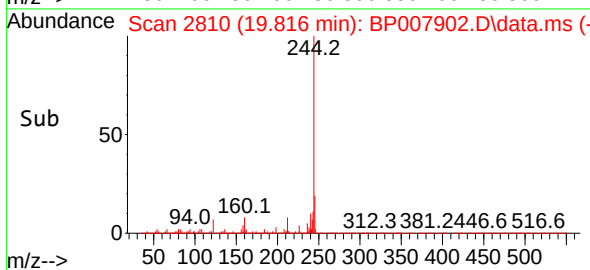
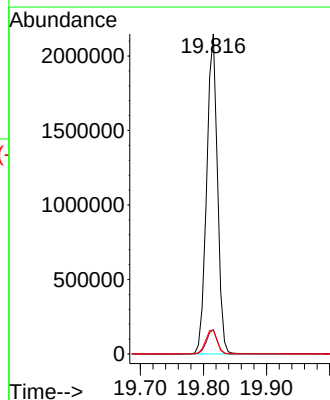
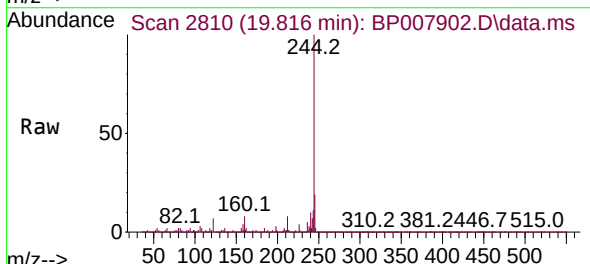
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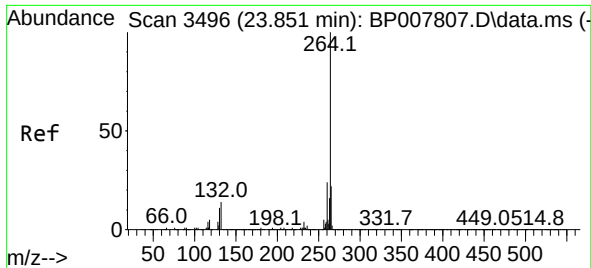
Tgt Ion:240 Resp: 710298
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.8
236 26.1 20.6 30.8



#79
Terphenyl-d14
Concen: 73.181 ng
RT: 19.816 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BP007902.D
Acq: 09 Nov 2021 22:03

Tgt Ion:244 Resp: 2552699
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.4 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: BP007902.D
 Acq: 09 Nov 2021 22:03

Instrument :
 BNA_F
 ClientSampleId :
 AG-10

Tgt Ion:264 Resp: 755876
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.9 16.7 25.1

