

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
 Data File : BP007900.D
 Acq On : 09 Nov 2021 20:55
 Operator : CG/JU
 Sample : M4485-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-6

Quant Time: Nov 10 11:04:54 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)

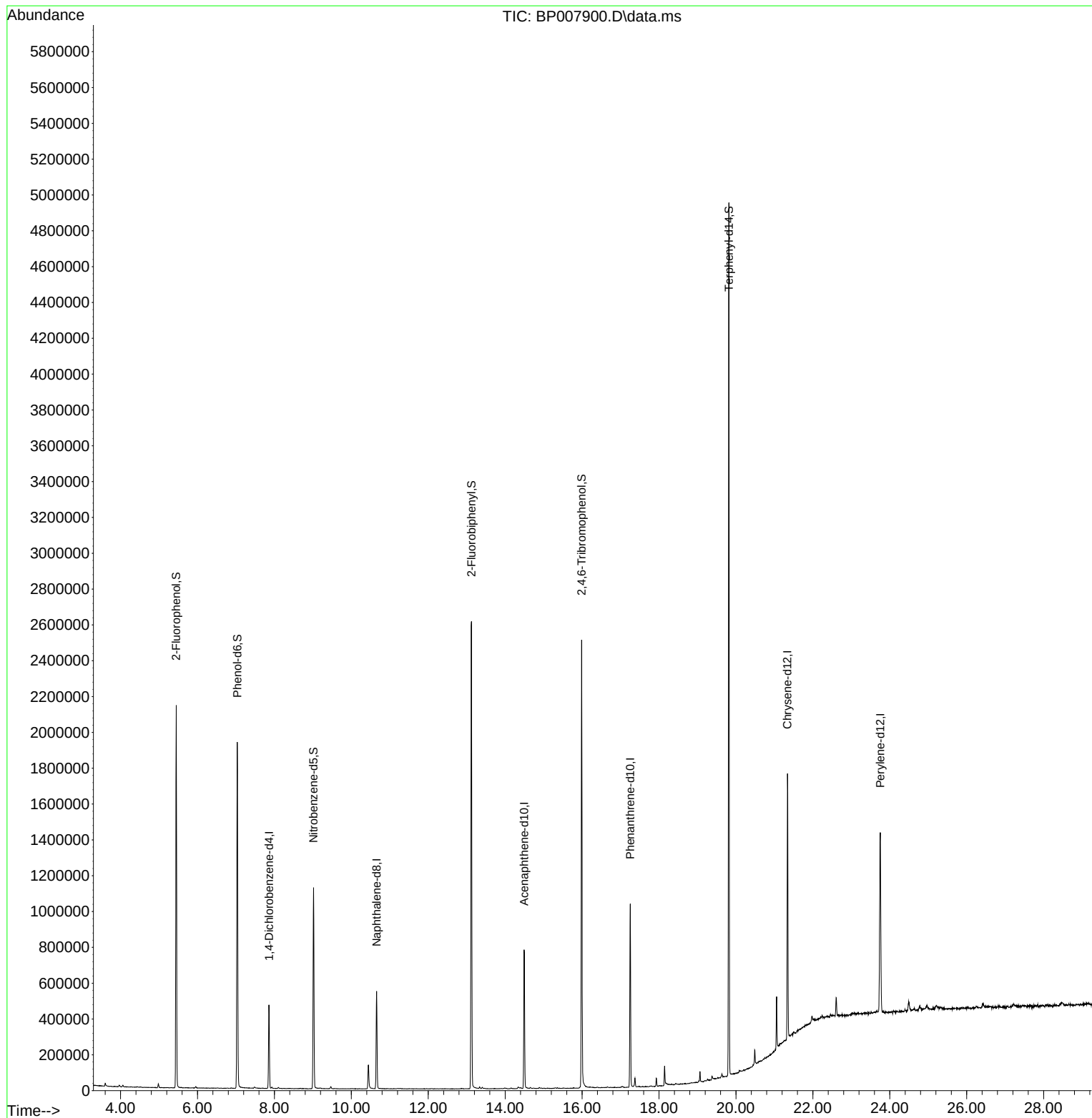
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	123475	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	426701	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	277494	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	617989	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	736698	20.000	ng	-0.01
86) Perylene-d12	23.751	264	805338	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	890084	122.253	ng	0.00
7) Phenol-d6	7.034	99	1090525	103.485	ng	0.00
23) Nitrobenzene-d5	9.016	82	621677	78.263	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	497466	125.615	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	1367966	71.790	ng	0.00
79) Terphenyl-d14	19.816	244	2246906	62.106	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.346	88	68	Below Cal	#	Qvalue 1

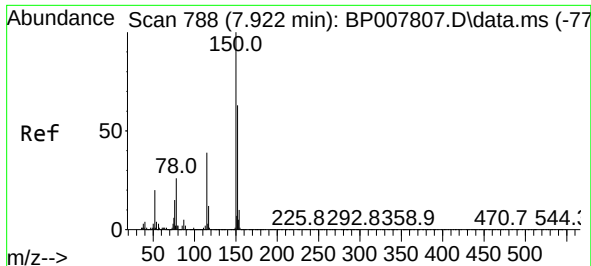
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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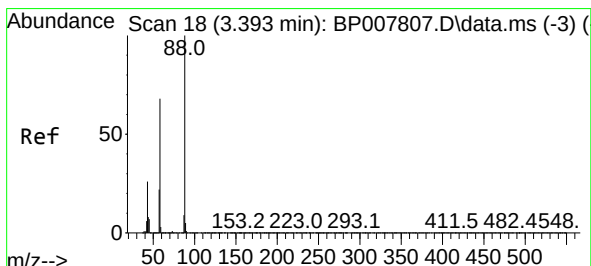
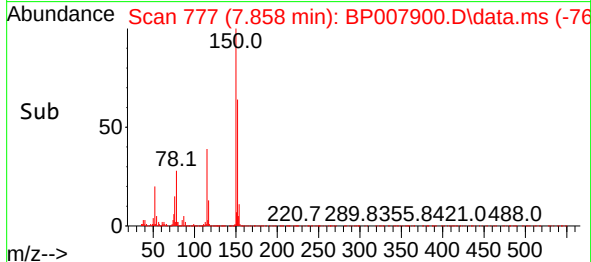
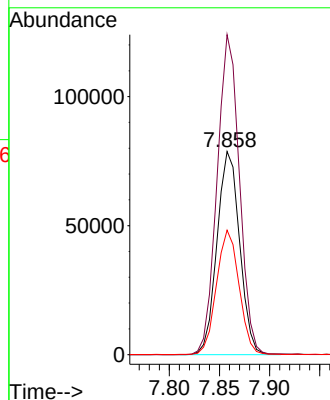
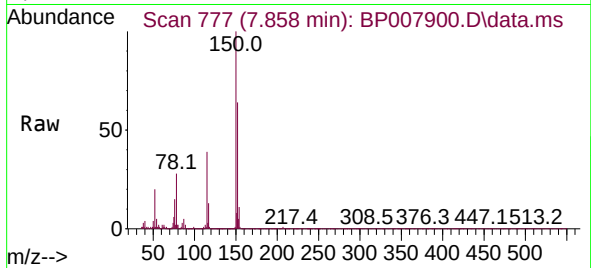




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.858 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BP007900.D
 Acq: 09 Nov 2021 20:55

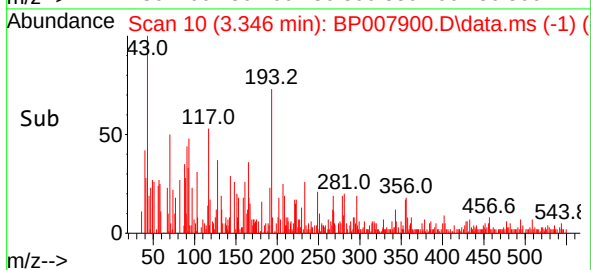
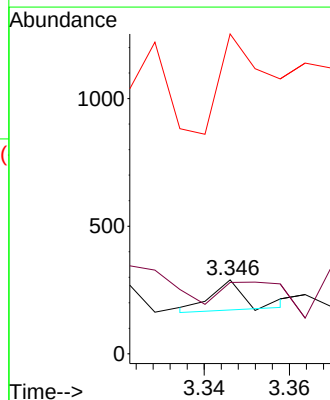
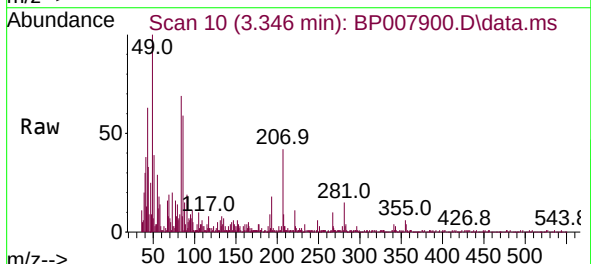
Instrument :
 BNA_F
 ClientSampleId :
 AG-6

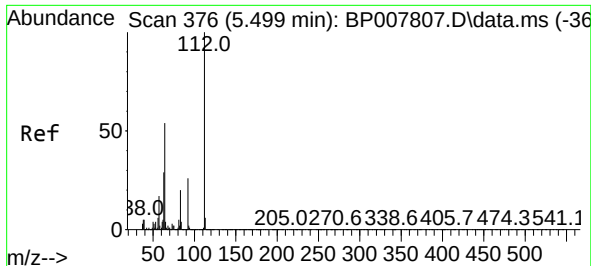
Tgt Ion:152 Resp: 123475
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.1 186.1
 115 61.3 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.346 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BP007900.D
 Acq: 09 Nov 2021 20:55

Tgt Ion: 88 Resp: 68
 Ion Ratio Lower Upper
 88 100
 58 214.7 58.1 87.1#
 43 450.0 22.2 33.4#

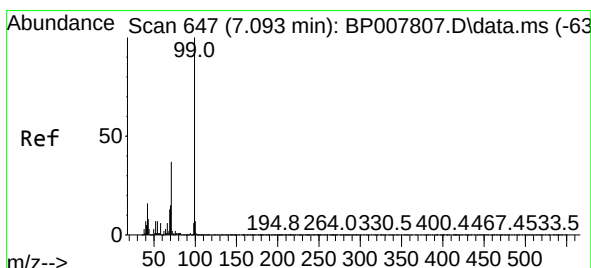
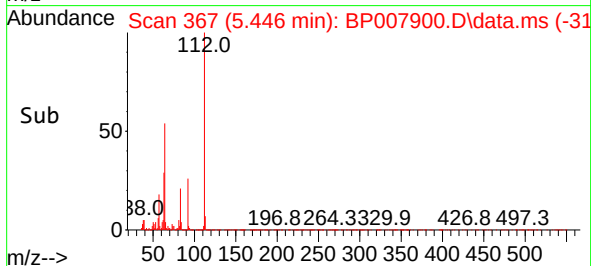
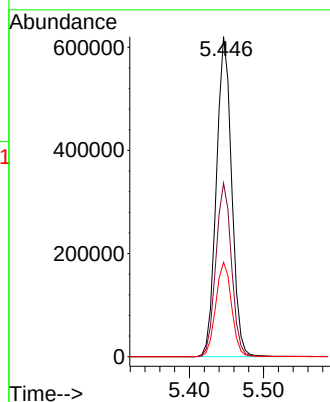
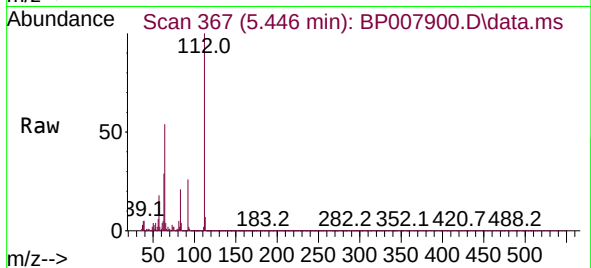




#5
2-Fluorophenol
Concen: 122.253 ng
RT: 5.446 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP007900.D
Acq: 09 Nov 2021 20:55

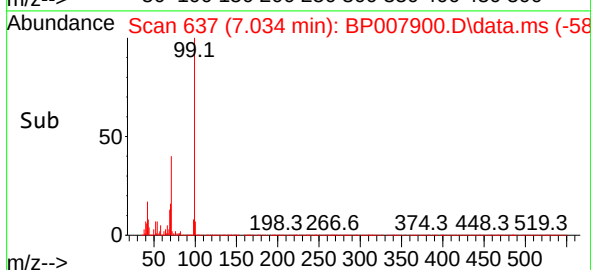
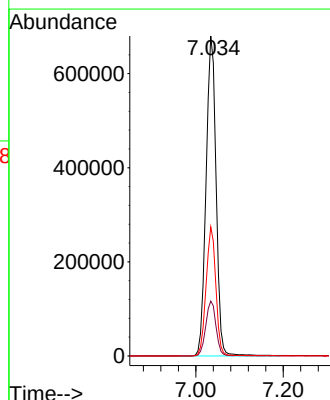
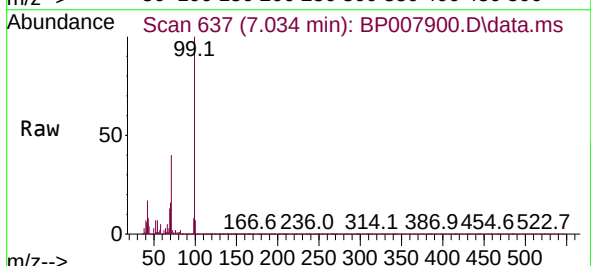
Instrument :
BNA_F
ClientSampleId :
AG-6

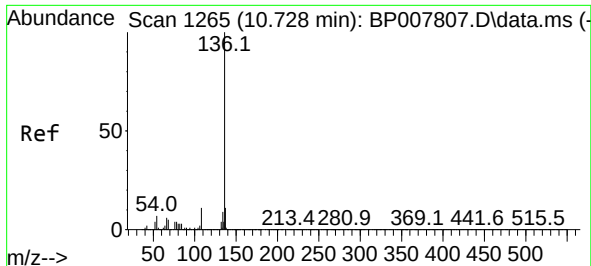
Tgt Ion:112 Resp: 890084
Ion Ratio Lower Upper
112 100
64 54.2 46.6 70.0
63 29.5 25.0 37.6



#7
Phenol-d6
Concen: 103.485 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP007900.D
Acq: 09 Nov 2021 20:55

Tgt Ion: 99 Resp: 1090525
Ion Ratio Lower Upper
99 100
42 17.2 14.9 22.3
71 40.3 29.2 43.8

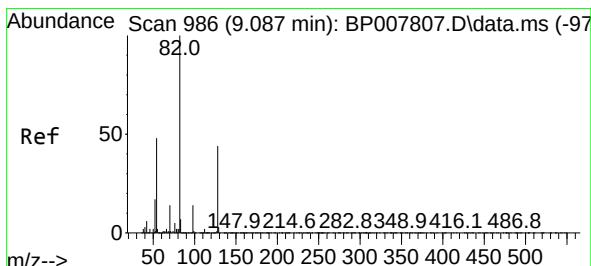
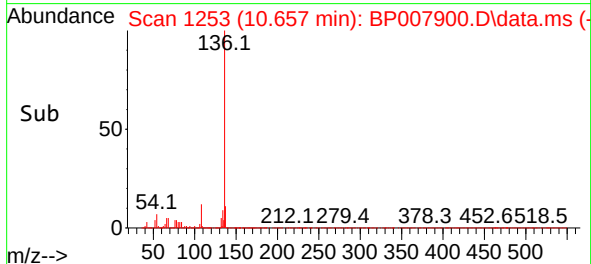
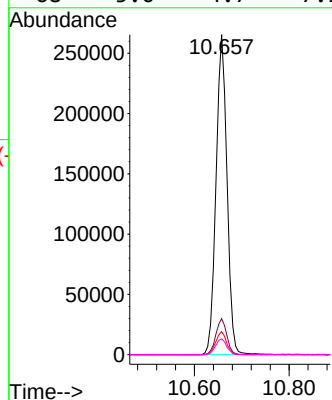
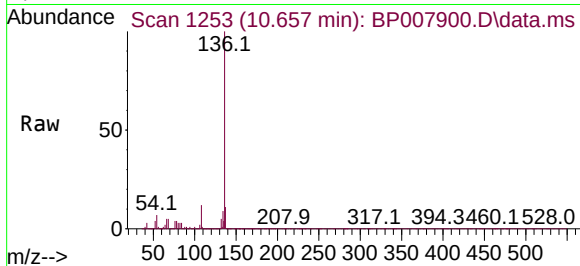




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007900.D
Acq: 09 Nov 2021 20:55

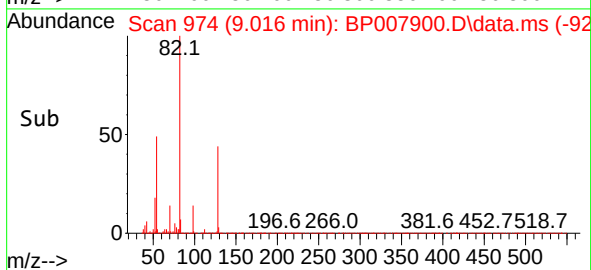
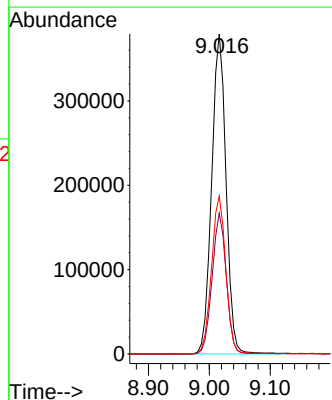
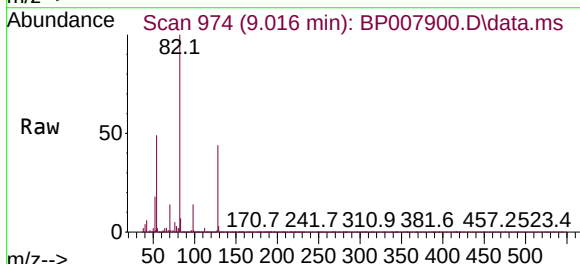
Instrument :
BNA_F
ClientSampleId :
AG-6

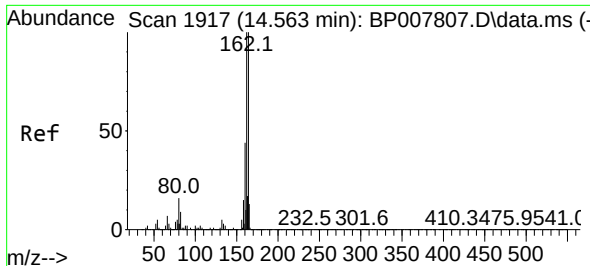
Tgt Ion:	136	Resp:	426701
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.2	6.2	9.4
68	5.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 78.263 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP007900.D
Acq: 09 Nov 2021 20:55

Tgt Ion:	82	Resp:	621677
Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.6	48.8
54	49.4	40.4	60.6

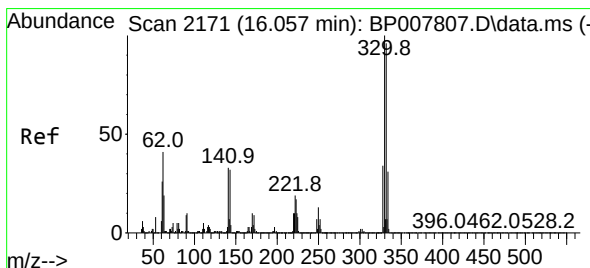
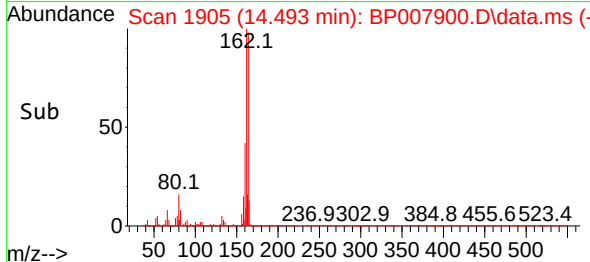
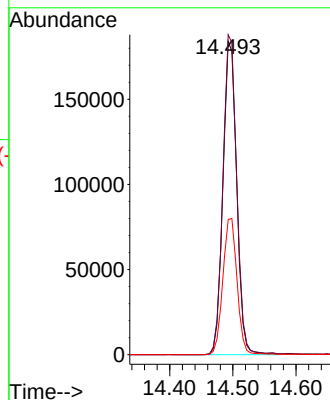
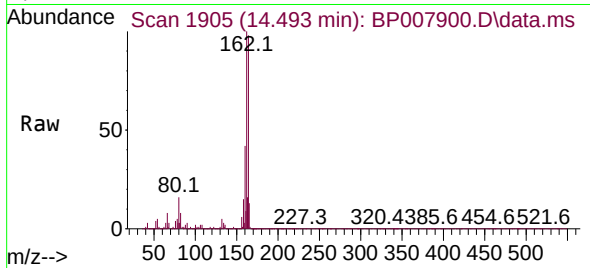




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP007900.D
Acq: 09 Nov 2021 20:55

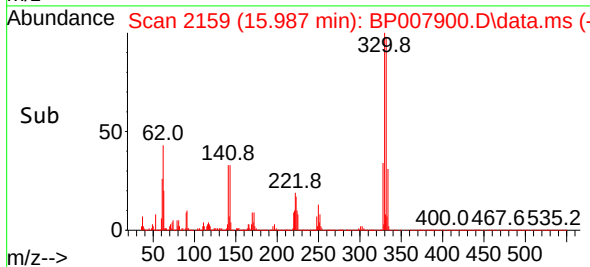
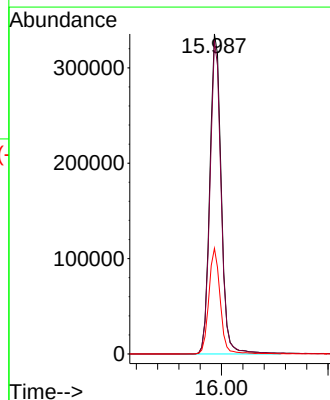
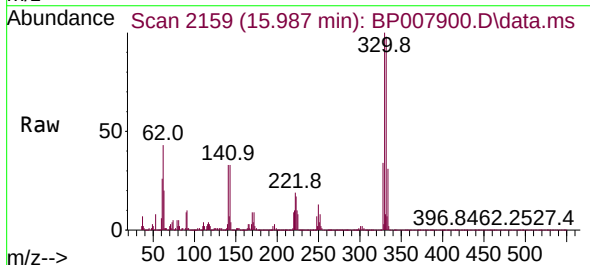
Instrument :
BNA_F
ClientSampleId :
AG-6

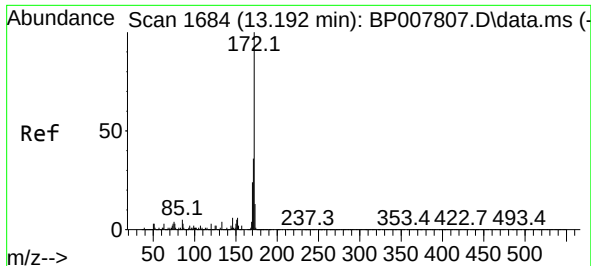
Tgt Ion:164 Resp: 277494
Ion Ratio Lower Upper
164 100
162 102.2 81.1 121.7
160 43.1 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 125.615 ng
RT: 15.987 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP007900.D
Acq: 09 Nov 2021 20:55

Tgt Ion:330 Resp: 497466
Ion Ratio Lower Upper
330 100
332 95.9 78.9 118.3
141 33.0 30.7 46.1

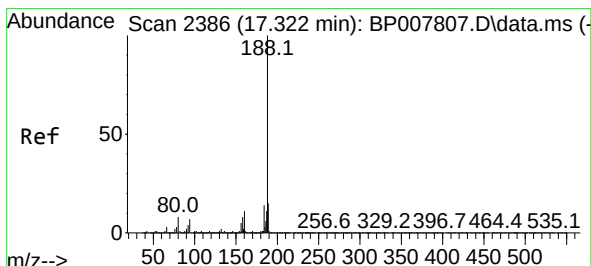
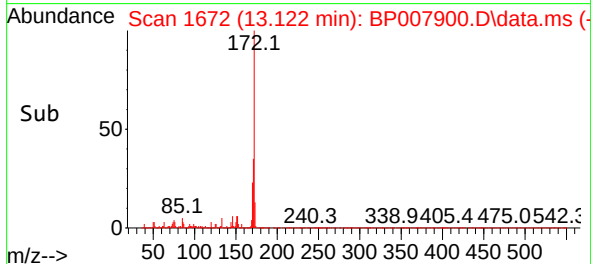
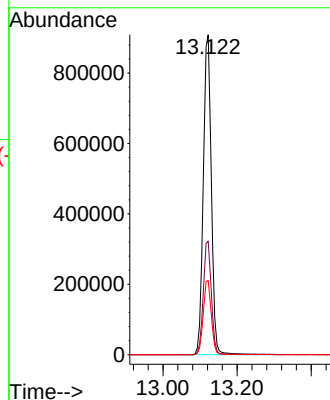
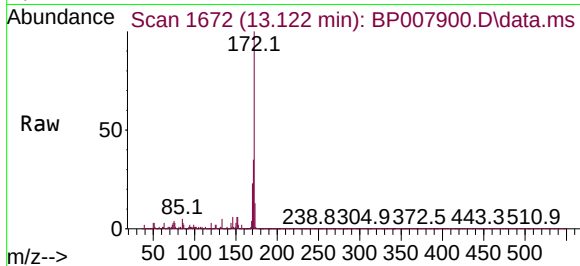




#45
2-Fluorobiphenyl
Concen: 71.790 ng
RT: 13.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007900.D
Acq: 09 Nov 2021 20:55

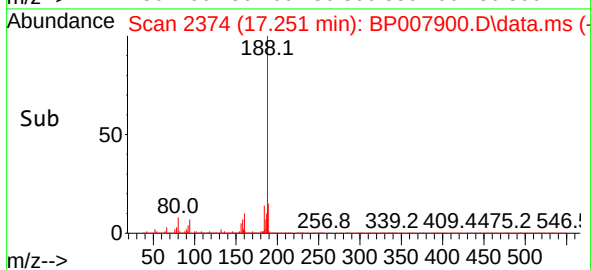
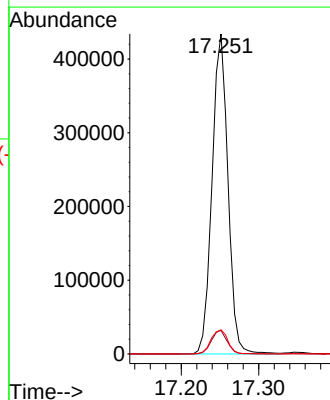
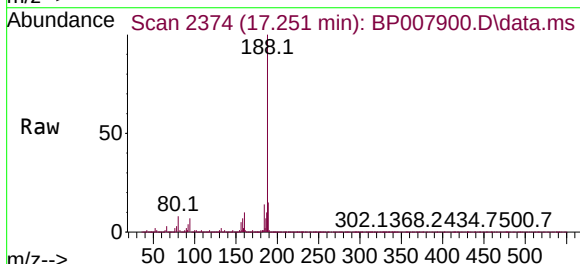
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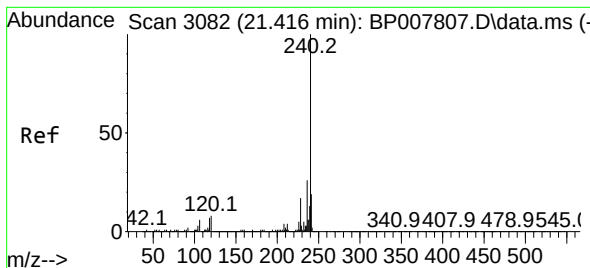
Tgt Ion:172 Resp: 1367966
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.1 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP007900.D
Acq: 09 Nov 2021 20:55

Tgt Ion:188 Resp: 617989
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 7.5 7.8 11.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 3069

Delta R.T. -0.012 min

Lab File: BP007900.D

Acq: 09 Nov 2021 20:55

Instrument :

BNA_F

ClientSampleId :

AG-6

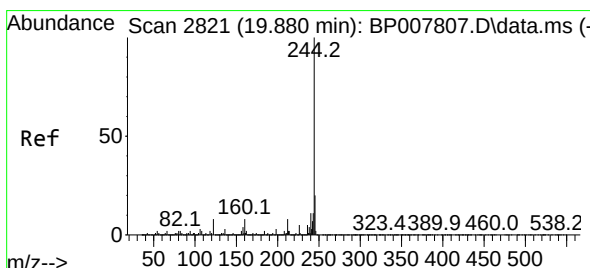
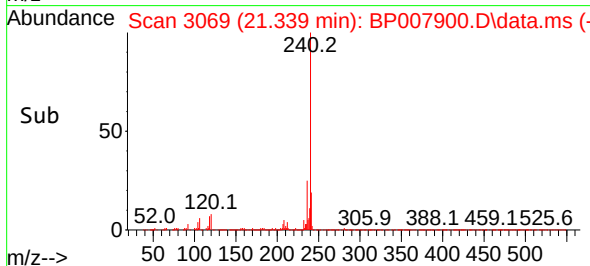
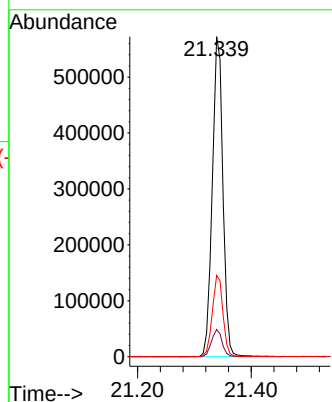
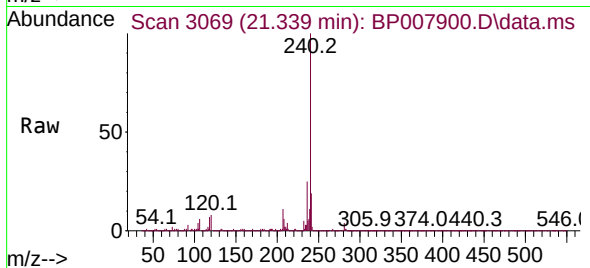
Tgt Ion:240 Resp: 736698

Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.8

236 25.4 20.6 30.8



#79

Terphenyl-d14

Concen: 62.106 ng

RT: 19.816 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP007900.D

Acq: 09 Nov 2021 20:55

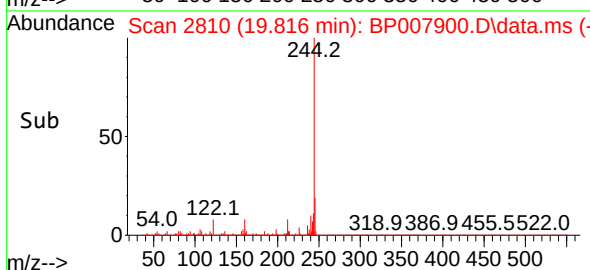
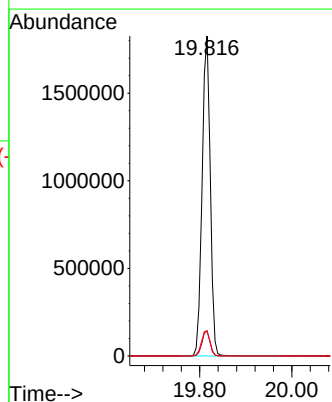
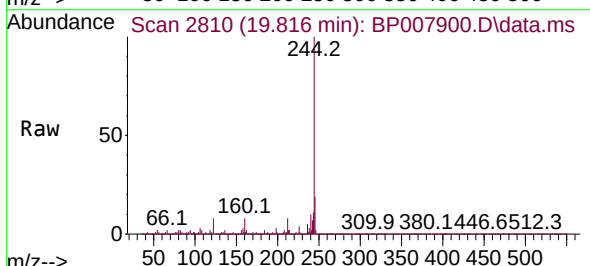
Tgt Ion:244 Resp: 2246906

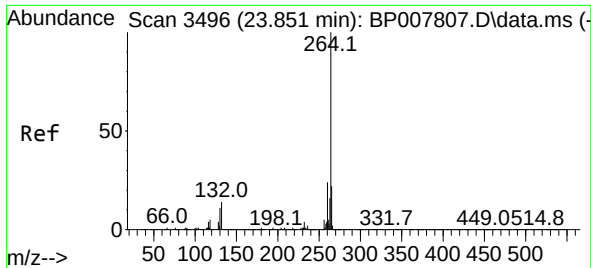
Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 7.8 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: BP007900.D
Acq: 09 Nov 2021 20:55

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 805338

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.3	16.7	25.1

