

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
 Data File : BP007899.D
 Acq On : 09 Nov 2021 20:21
 Operator : CG/JU
 Sample : M4485-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-5

Quant Time: Nov 10 11:04:34 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)

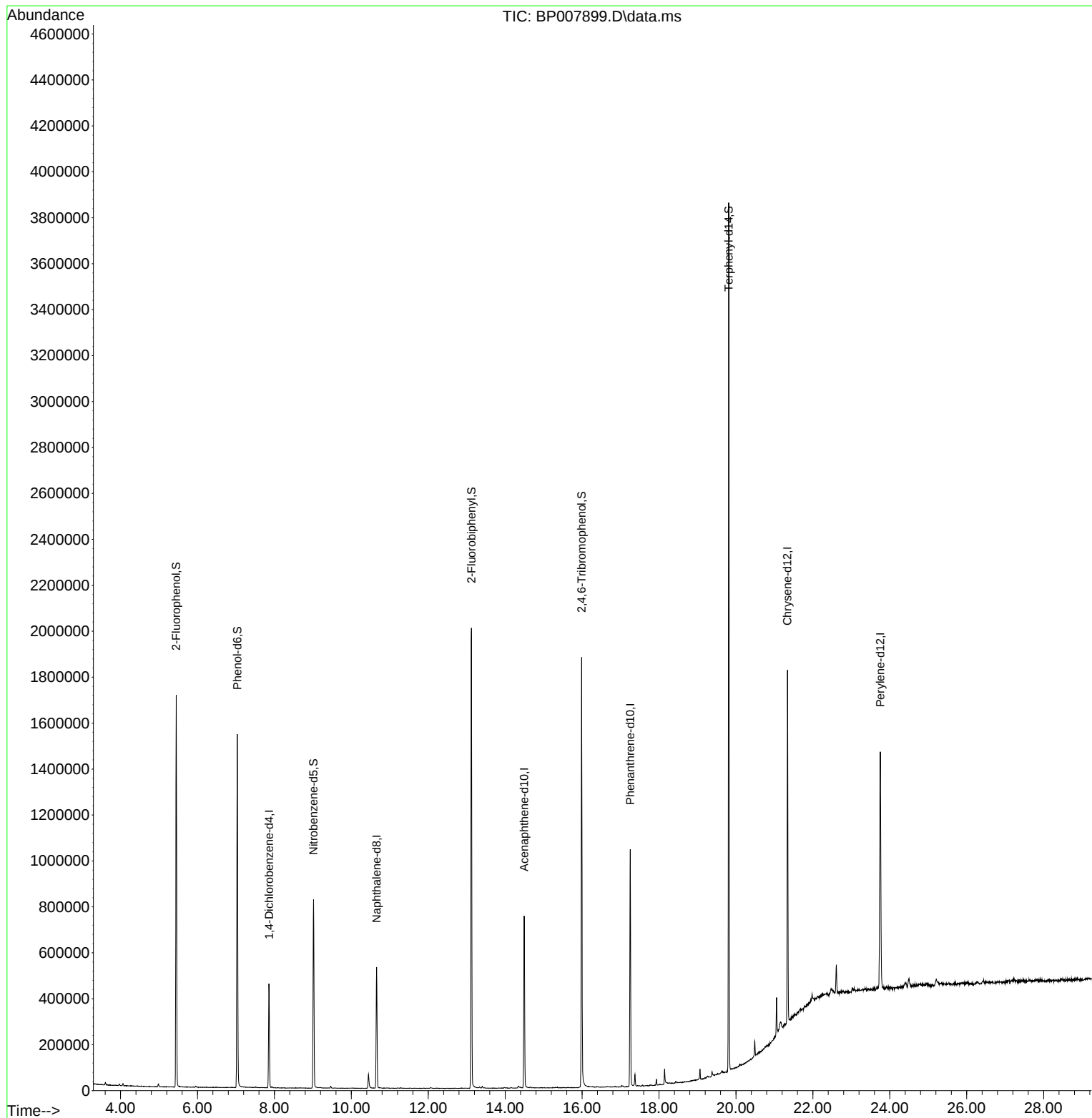
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	120915	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	419275	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	278302	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	619881	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	729440	20.000	ng	-0.01
86) Perylene-d12	23.751	264	802946	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	707416	99.221	ng	0.00
7) Phenol-d6	7.034	99	845048	81.889	ng	0.00
23) Nitrobenzene-d5	9.016	82	469915	60.205	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	367550	92.541	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	1058020	55.363	ng	0.00
79) Terphenyl-d14	19.810	244	1747327	48.778	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.358	88	183	Below Cal	#	Qvalue 81

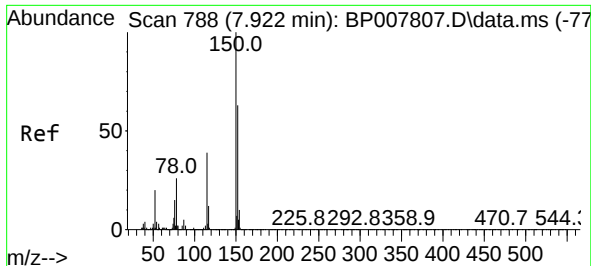
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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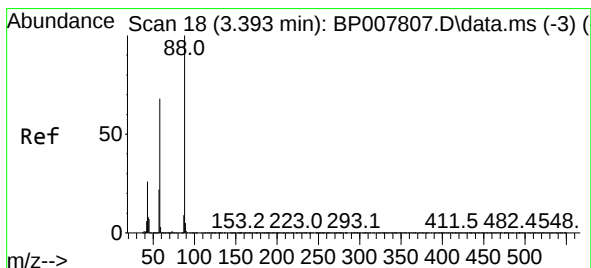
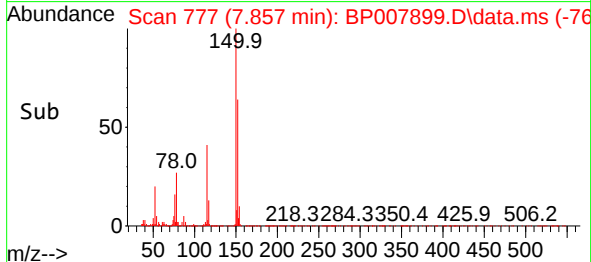
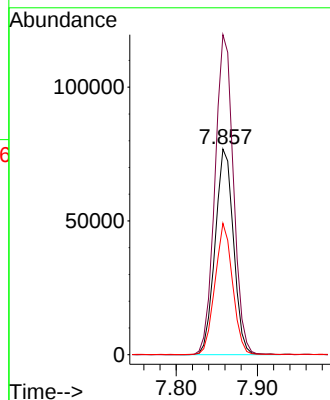
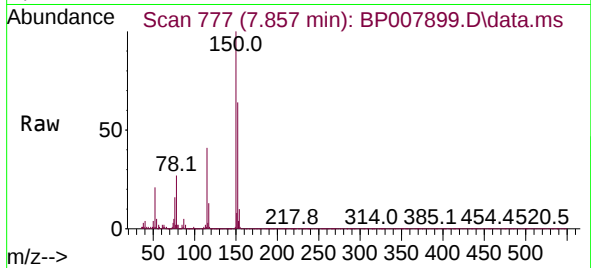




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.857 min Scan# 7
 Delta R.T. -0.007 min
 Lab File: BP007899.D
 Acq: 09 Nov 2021 20:21

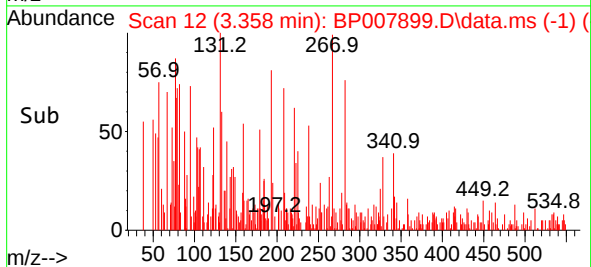
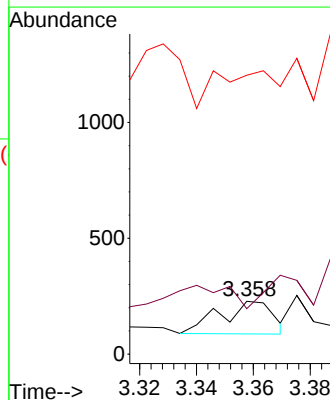
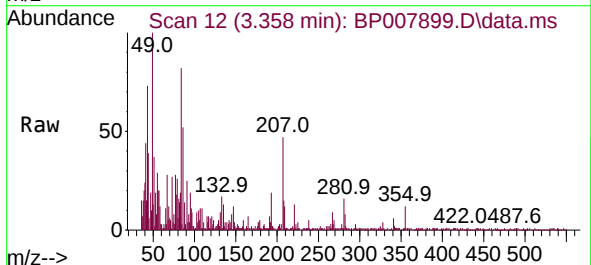
Instrument :
 BNA_F
 ClientSampleId :
 AG-5

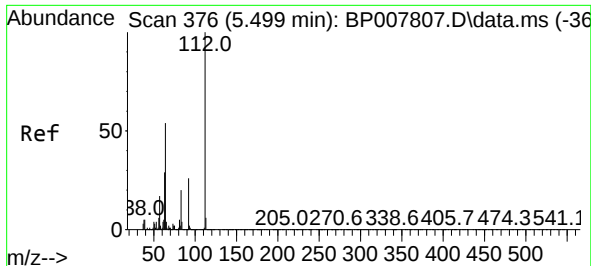
Tgt Ion:152 Resp: 120915
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.1 186.1
 115 63.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.358 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: BP007899.D
 Acq: 09 Nov 2021 20:21

Tgt Ion: 88 Resp: 183
 Ion Ratio Lower Upper
 88 100
 58 67.8 58.1 87.1
 43 0.0 22.2 33.4

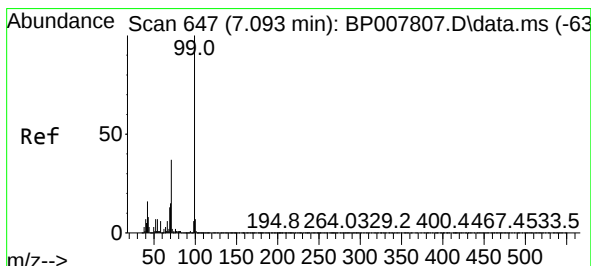
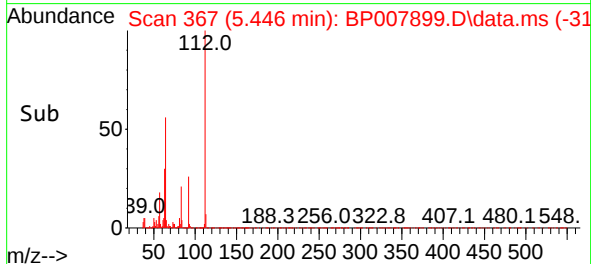
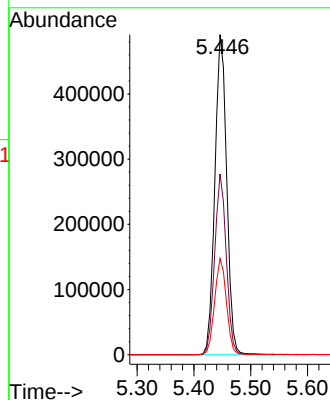
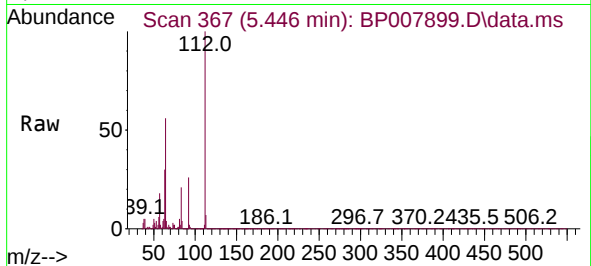




#5
2-Fluorophenol
Concen: 99.221 ng
RT: 5.446 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP007899.D
Acq: 09 Nov 2021 20:21

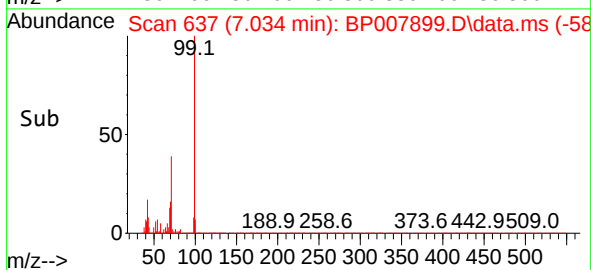
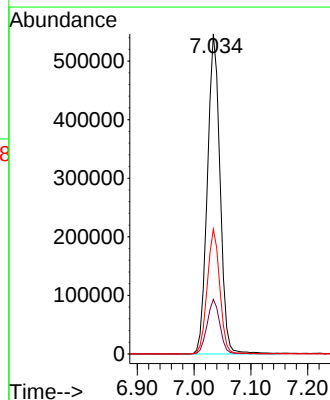
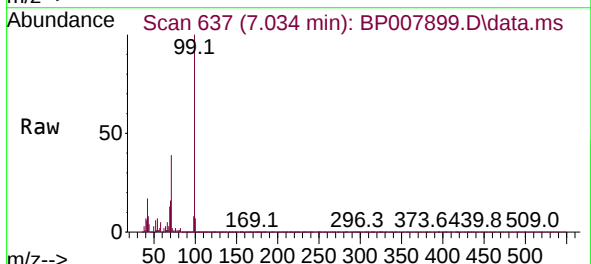
Instrument :
BNA_F
ClientSampleId :
AG-5

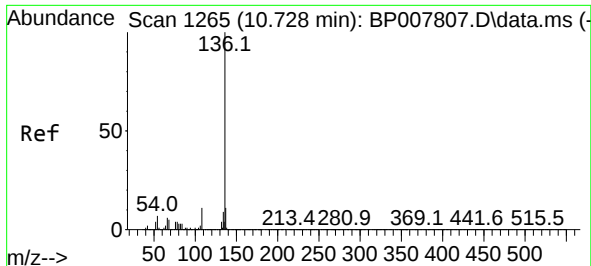
Tgt Ion:112 Resp: 707416
Ion Ratio Lower Upper
112 100
64 56.4 46.6 70.0
63 30.1 25.0 37.6



#7
Phenol-d6
Concen: 81.889 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP007899.D
Acq: 09 Nov 2021 20:21

Tgt Ion: 99 Resp: 845048
Ion Ratio Lower Upper
99 100
42 17.0 14.9 22.3
71 39.0 29.2 43.8

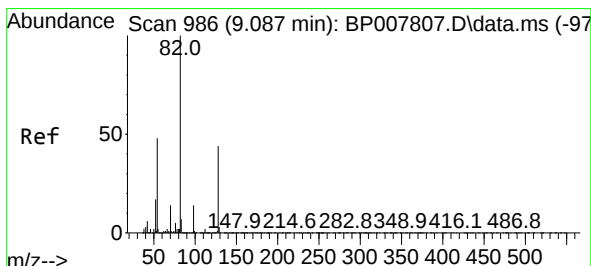
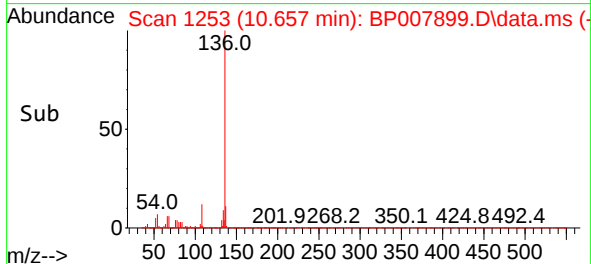
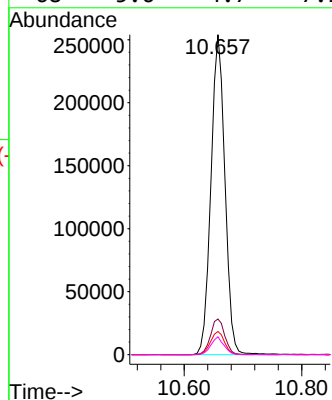
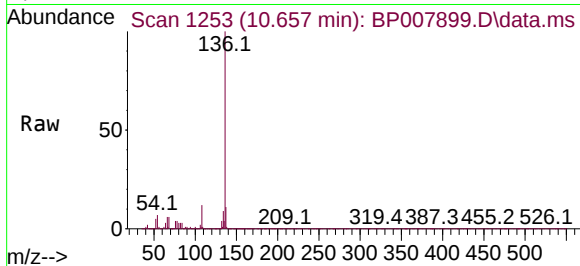




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007899.D
Acq: 09 Nov 2021 20:21

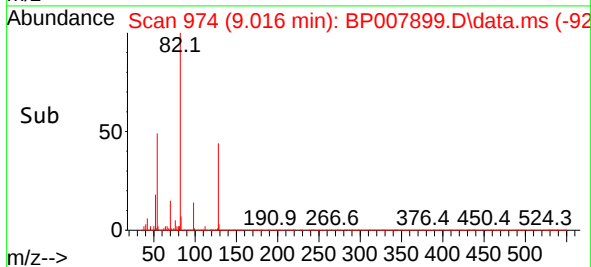
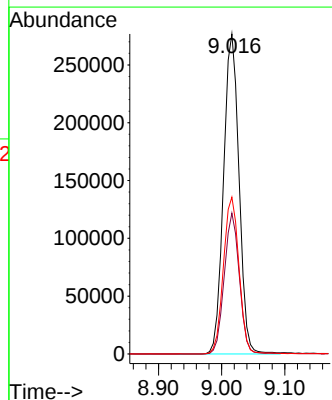
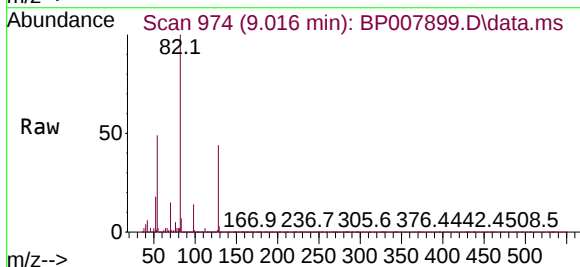
Instrument :
BNA_F
ClientSampleId :
AG-5

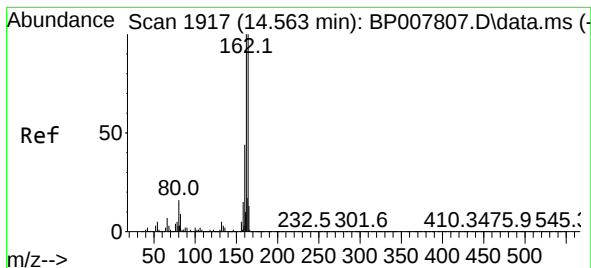
Tgt Ion:	136	Resp:	419275
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.3	6.2	9.4
68	5.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 60.205 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP007899.D
Acq: 09 Nov 2021 20:21

Tgt Ion:	82	Resp:	469915
Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.6	48.8
54	49.0	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: BP007899.D

Acq: 09 Nov 2021 20:21

Instrument :

BNA_F

ClientSampleId :

AG-5

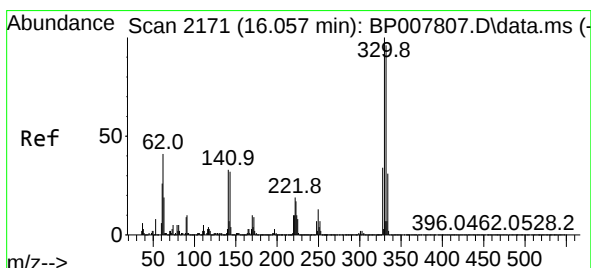
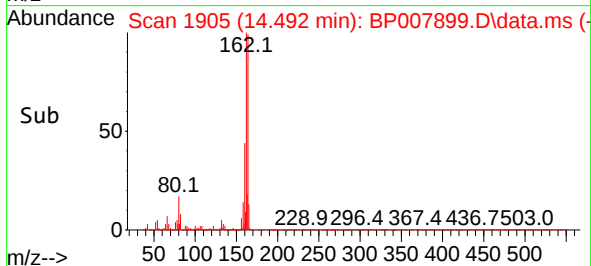
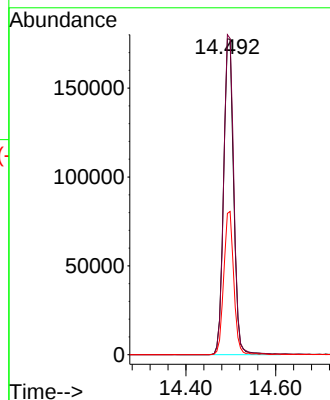
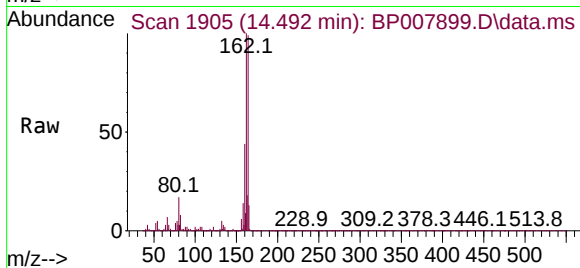
Tgt Ion:164 Resp: 278302

Ion Ratio Lower Upper

164 100

162 101.3 81.1 121.7

160 44.7 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 92.541 ng

RT: 15.986 min Scan# 2159

Delta R.T. -0.012 min

Lab File: BP007899.D

Acq: 09 Nov 2021 20:21

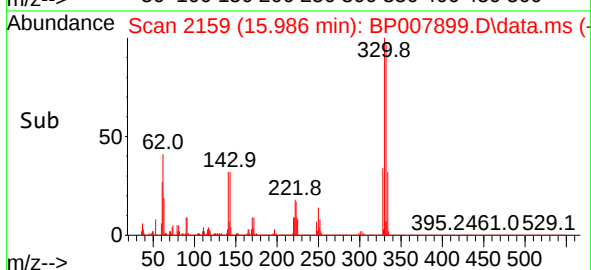
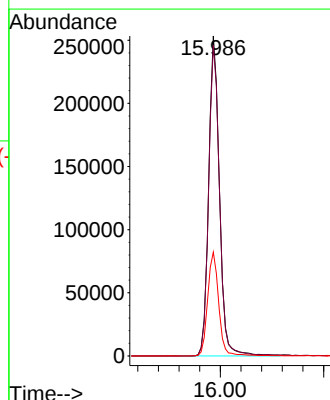
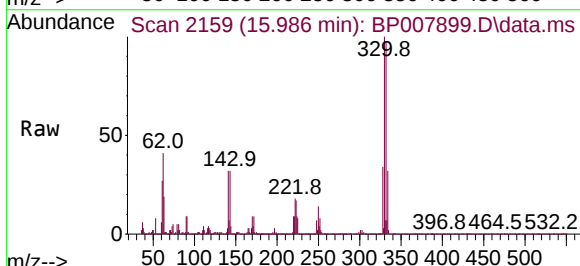
Tgt Ion:330 Resp: 367550

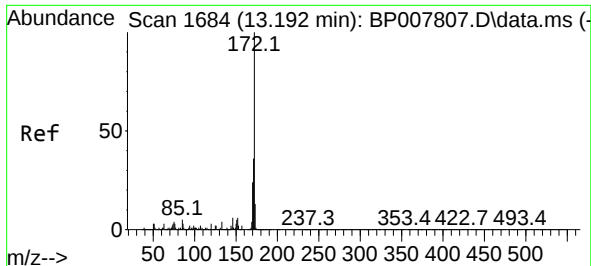
Ion Ratio Lower Upper

330 100

332 97.7 78.9 118.3

141 33.4 30.7 46.1

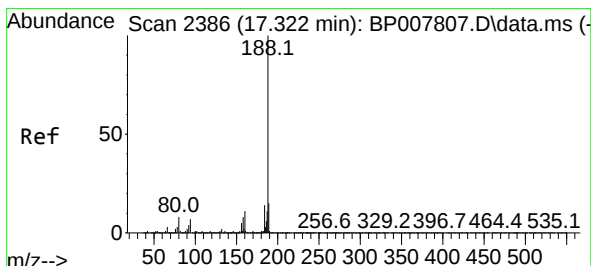
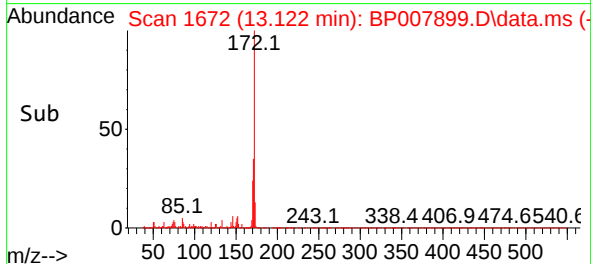
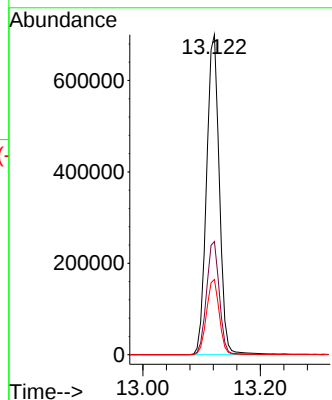
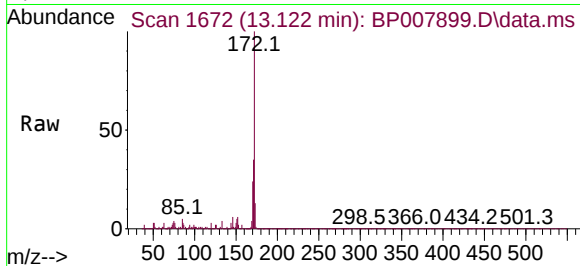




#45
2-Fluorobiphenyl
Concen: 55.363 ng
RT: 13.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007899.D
Acq: 09 Nov 2021 20:21

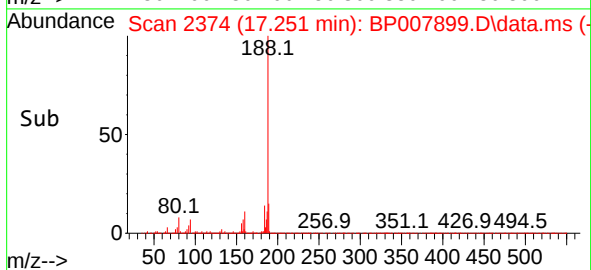
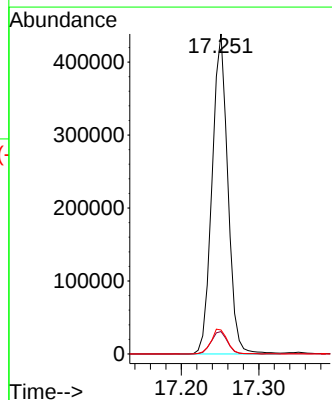
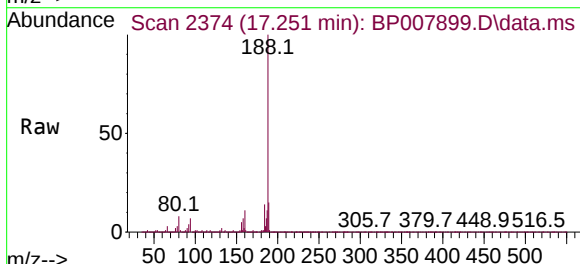
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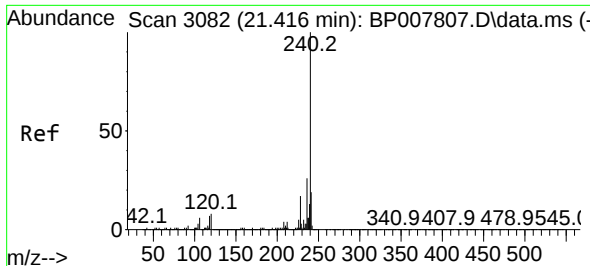
Tgt Ion:172 Resp: 1058020
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP007899.D
Acq: 09 Nov 2021 20:21

Tgt Ion:188 Resp: 619881
Ion Ratio Lower Upper
188 100
94 7.0 7.1 10.7#
80 7.5 7.8 11.6#

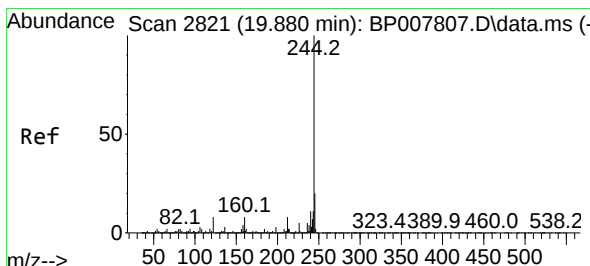
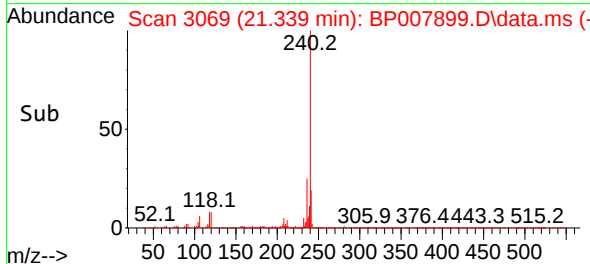
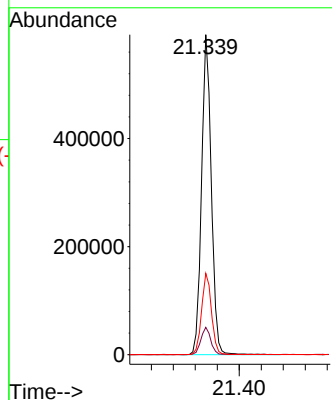
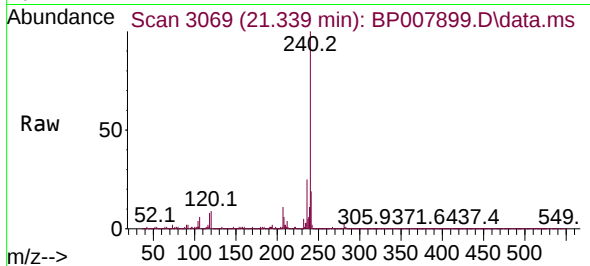




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007899.D
Acq: 09 Nov 2021 20:21

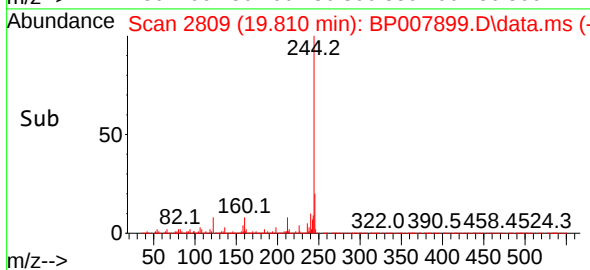
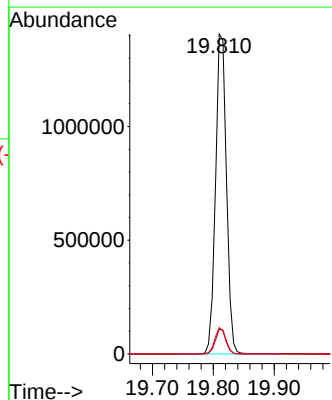
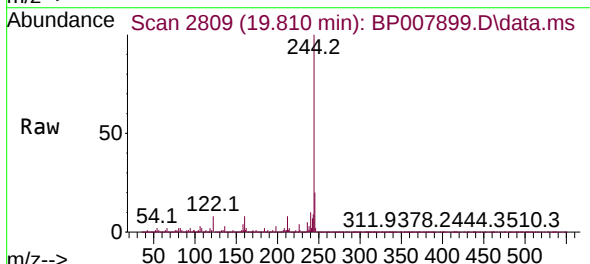
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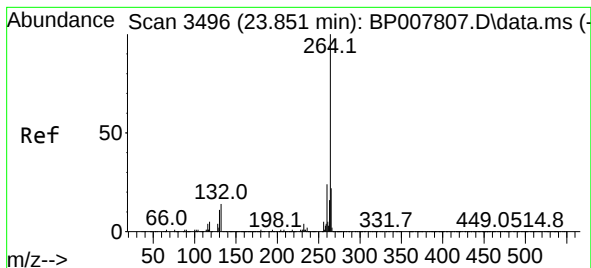
Tgt Ion:240 Resp: 729440
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.8
236 25.4 20.6 30.8



#79
Terphenyl-d14
Concen: 48.778 ng
RT: 19.810 min Scan# 2809
Delta R.T. -0.012 min
Lab File: BP007899.D
Acq: 09 Nov 2021 20:21

Tgt Ion:244 Resp: 1747327
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.2 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: BP007899.D

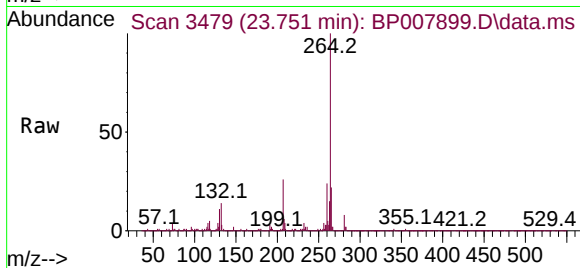
Acq: 09 Nov 2021 20:21

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 802946

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.4 16.7 25.1

