

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007863.D
 Acq On : 08 Nov 2021 16:23
 Operator : CG/JU
 Sample : PB140492BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140492BL

Quant Time: Nov 08 17:42:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 08 16:36:40 2021
 Response via : Initial Calibration

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

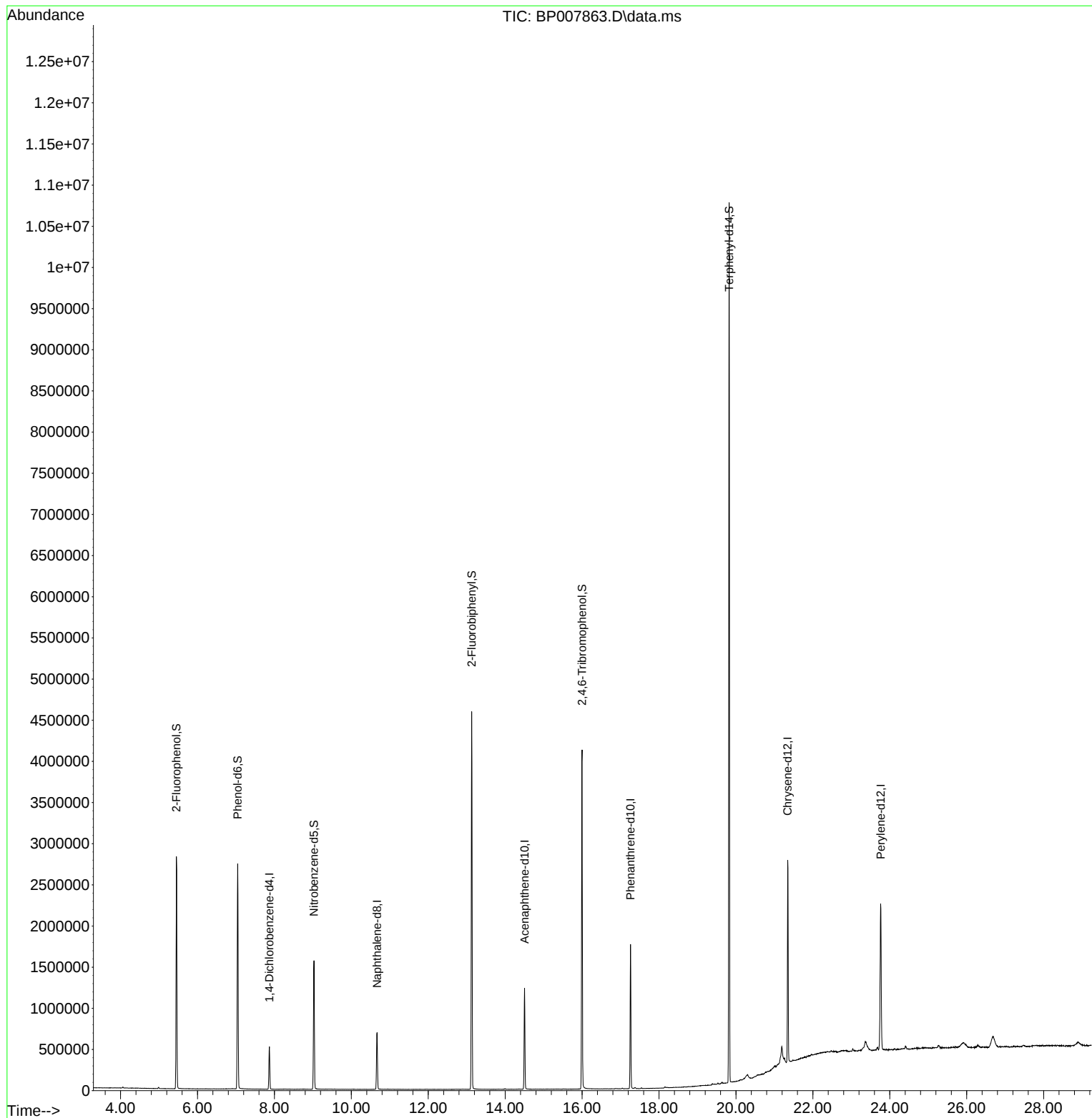
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	140313	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	578921	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	417745	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1003932	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1220283	20.000	ng	0.00
86) Perylene-d12	23.763	264	1367221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1228543	148.491	ng	0.00
7) Phenol-d6	7.046	99	1560282	130.295	ng	0.00
23) Nitrobenzene-d5	9.028	82	896911	83.223	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	797209	133.719	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2322661	80.969	ng	0.00
79) Terphenyl-d14	19.822	244	4841416	80.789	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.358	88	105	Below Cal	Qvalue #	1

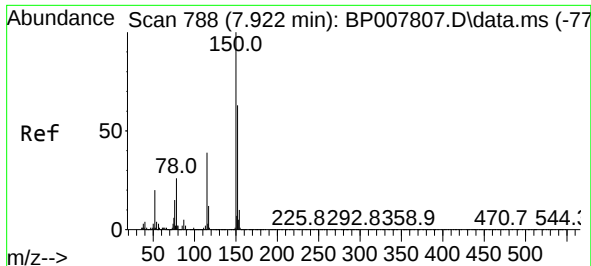
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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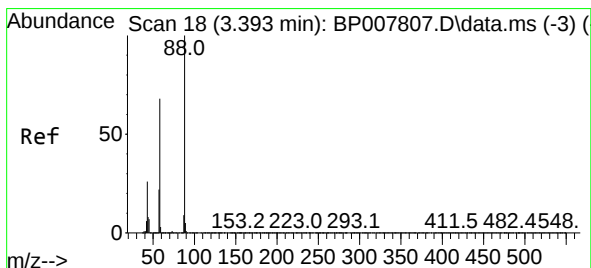
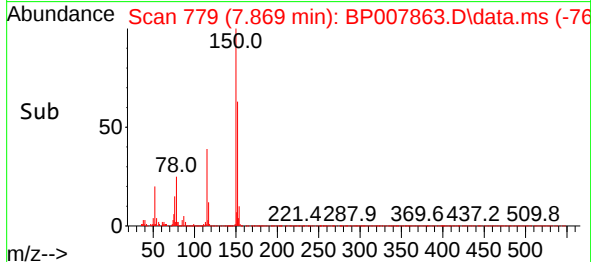
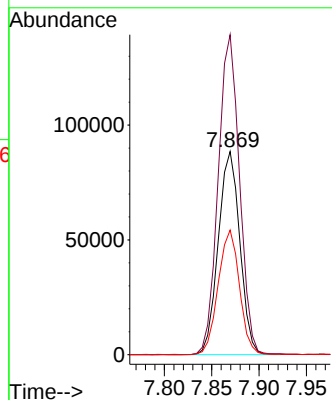
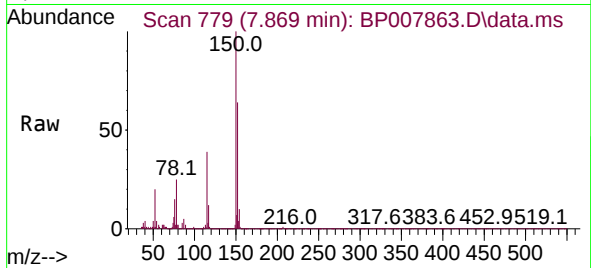




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007863.D
Acq: 08 Nov 2021 16:23

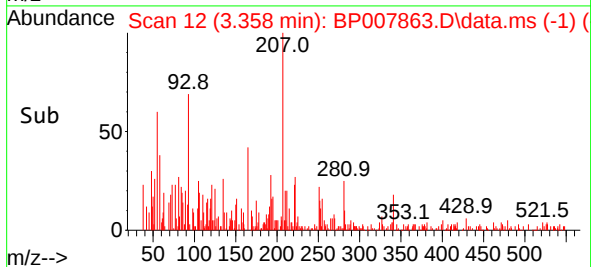
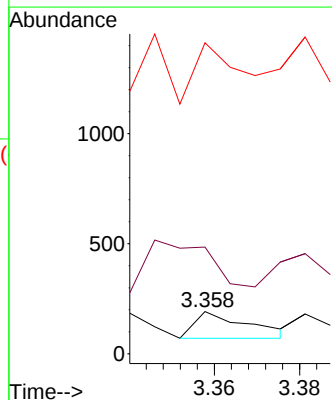
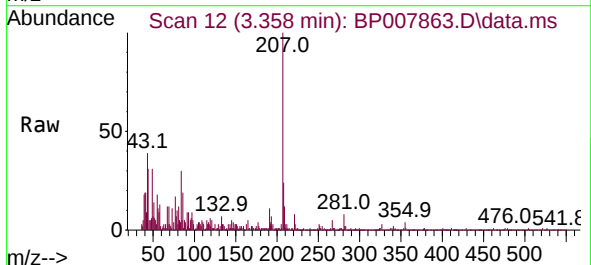
Instrument :
BNA_P
ClientSampleId :
PB140492BL

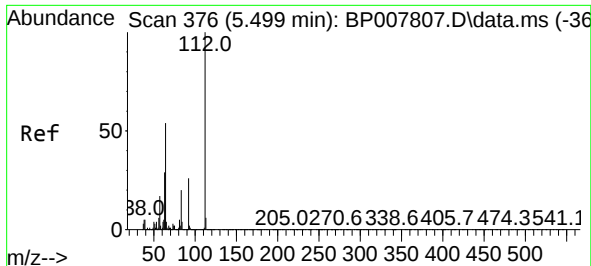
Tgt Ion:152 Resp: 140313
Ion Ratio Lower Upper
152 100
150 157.4 124.1 186.1
115 61.3 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.358 min Scan# 12
Delta R.T. 0.006 min
Lab File: BP007863.D
Acq: 08 Nov 2021 16:23

Tgt Ion: 88 Resp: 105
Ion Ratio Lower Upper
88 100
58 243.8 58.1 87.1#
43 0.0 22.2 33.4#

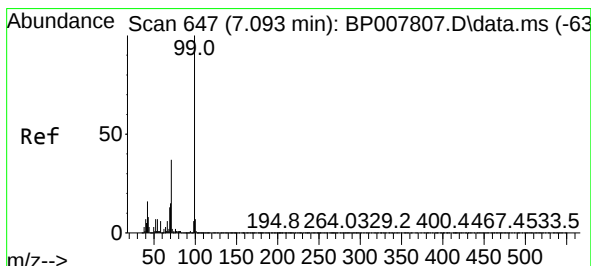
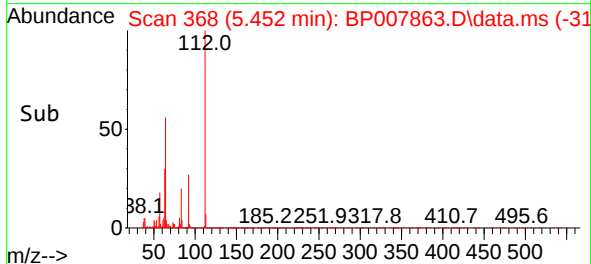
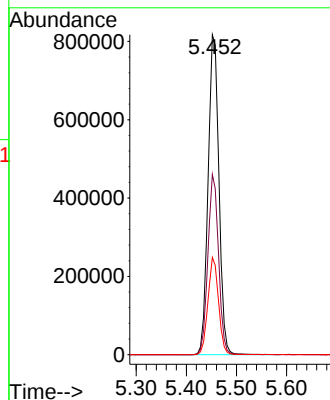
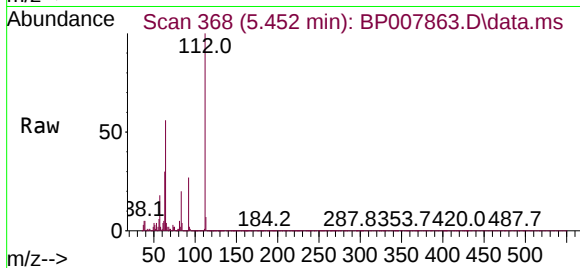




#5
2-Fluorophenol
Concen: 148.491 ng
RT: 5.452 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP007863.D
Acq: 08 Nov 2021 16:23

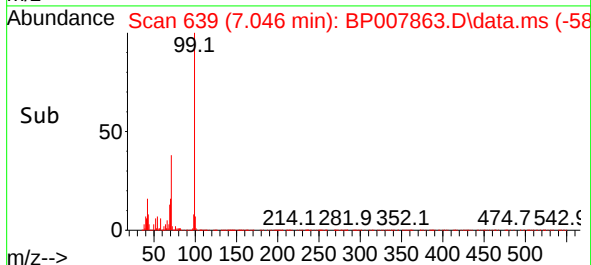
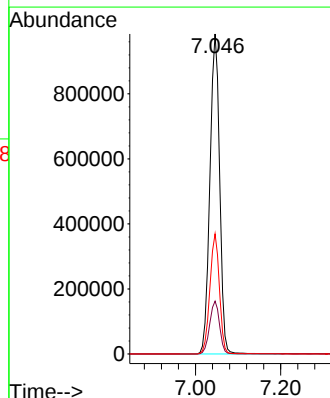
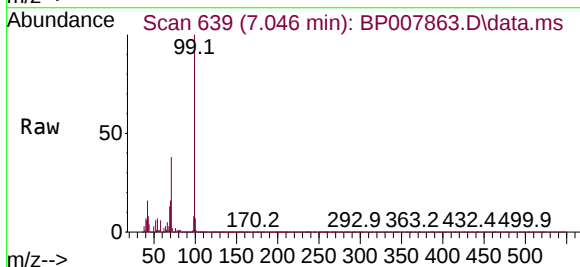
Instrument :
BNA_P
ClientSampleId :
PB140492BL

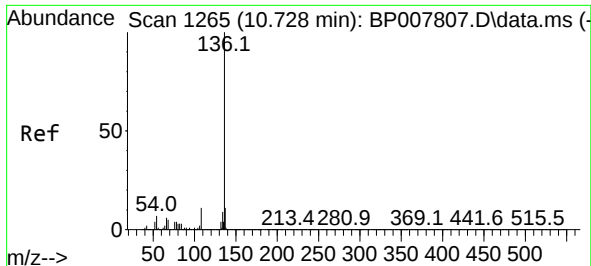
Tgt Ion:112 Resp: 1228543
Ion Ratio Lower Upper
112 100
64 56.3 46.6 70.0
63 30.4 25.0 37.6



#7
Phenol-d6
Concen: 130.295 ng
RT: 7.046 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP007863.D
Acq: 08 Nov 2021 16:23

Tgt Ion: 99 Resp: 1560282
Ion Ratio Lower Upper
99 100
42 16.5 14.9 22.3
71 37.5 29.2 43.8

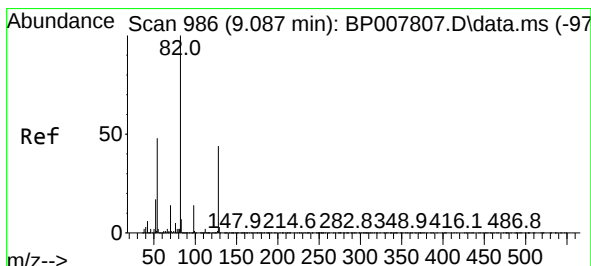
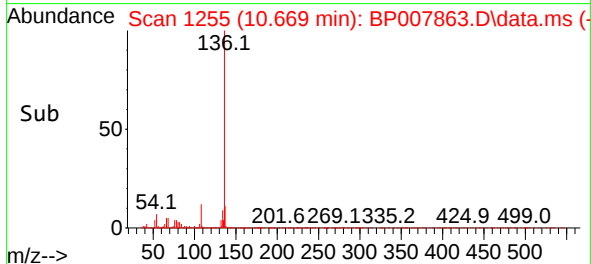
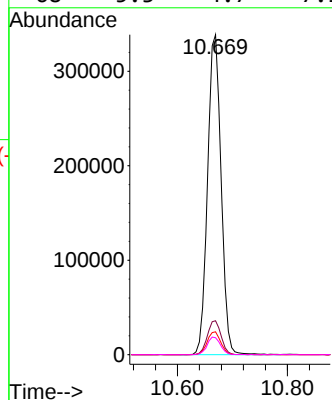
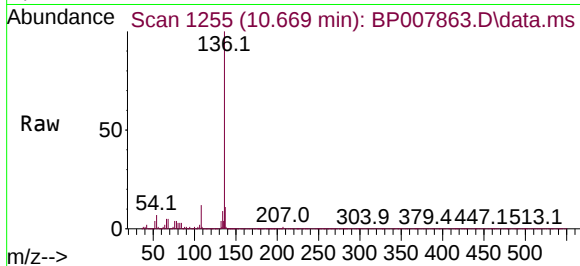




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP007863.D
Acq: 08 Nov 2021 16:23

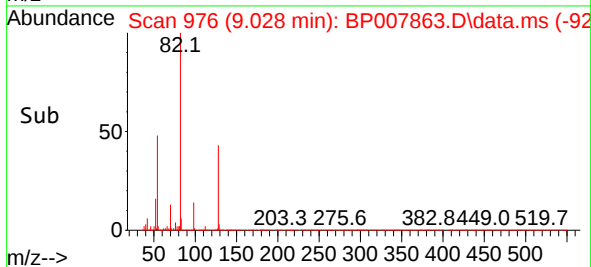
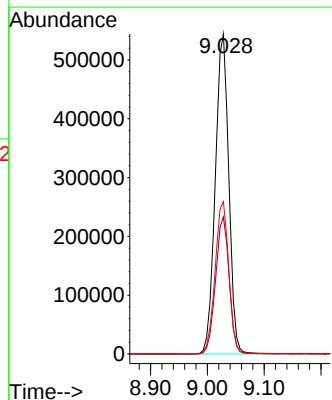
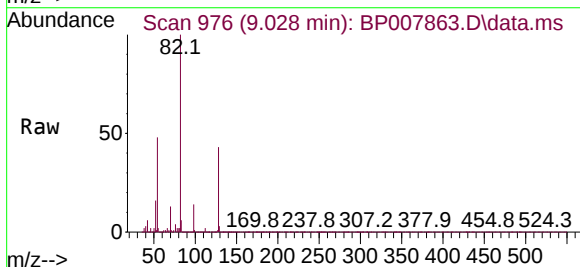
Instrument :
BNA_P
ClientSampleId :
PB140492BL

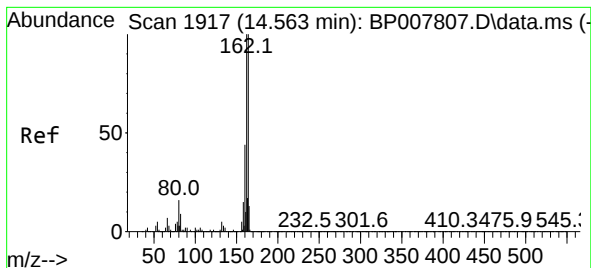
Tgt Ion:	136	Resp:	578921
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.2	6.2	9.4
68	5.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 83.223 ng
RT: 9.028 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP007863.D
Acq: 08 Nov 2021 16:23

Tgt Ion:	82	Resp:	896911
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.6	48.8
54	47.6	40.4	60.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BP007863.D

Acq: 08 Nov 2021 16:23

Instrument :

BNA_P

ClientSampleId :

PB140492BL

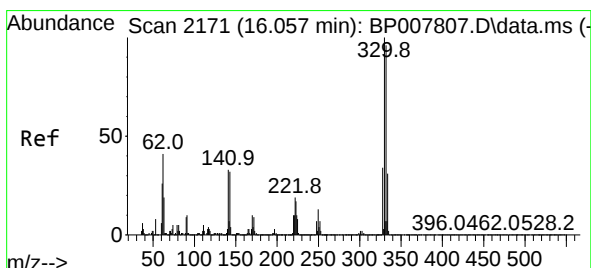
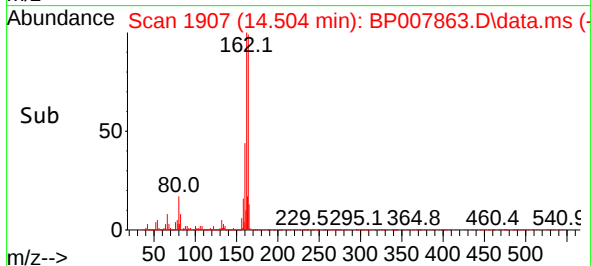
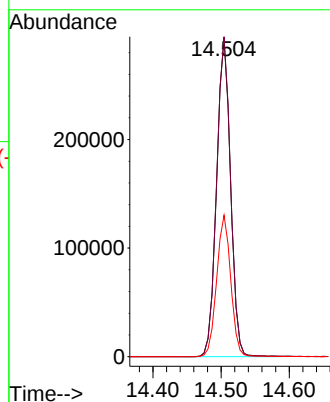
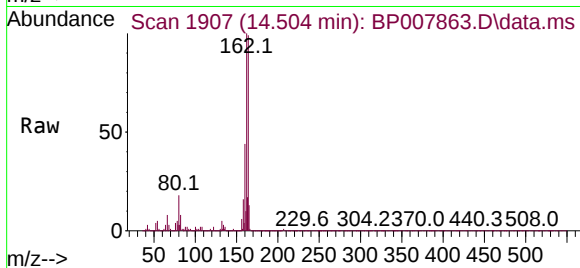
Tgt Ion:164 Resp: 417745

Ion Ratio Lower Upper

164 100

162 100.7 81.1 121.7

160 44.5 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 133.719 ng

RT: 15.998 min Scan# 2161

Delta R.T. 0.000 min

Lab File: BP007863.D

Acq: 08 Nov 2021 16:23

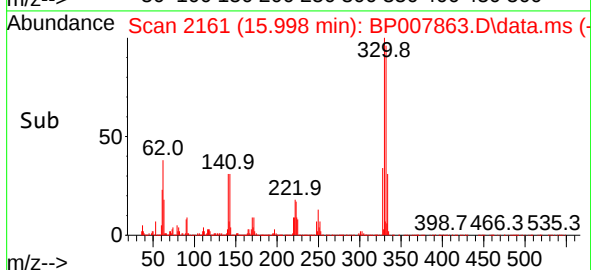
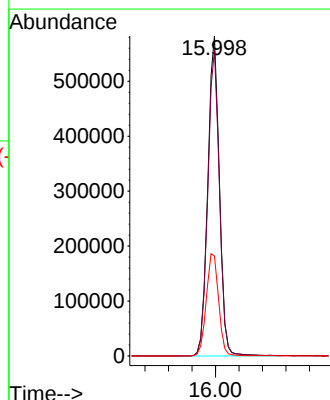
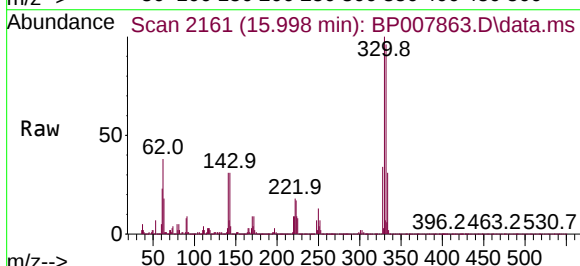
Tgt Ion:330 Resp: 797209

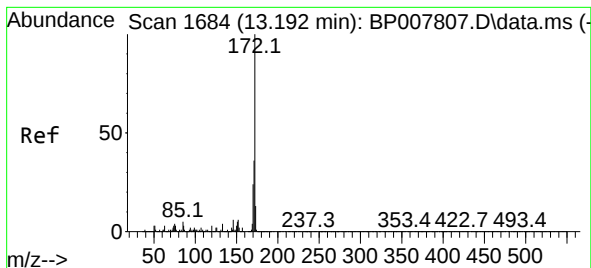
Ion Ratio Lower Upper

330 100

332 95.9 78.9 118.3

141 34.0 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 80.969 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP007863.D

Acq: 08 Nov 2021 16:23

Instrument :

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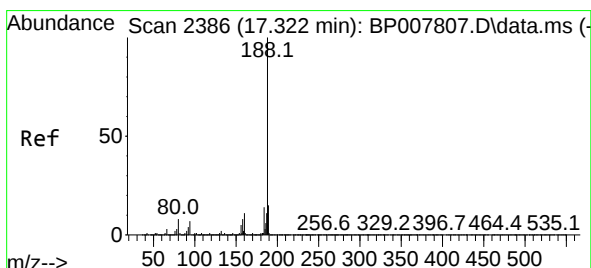
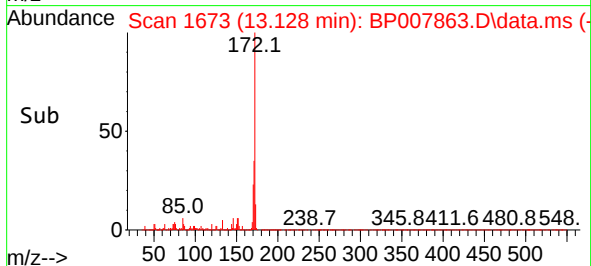
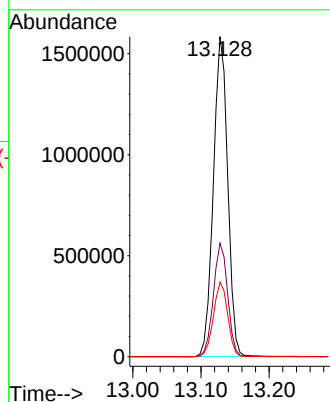
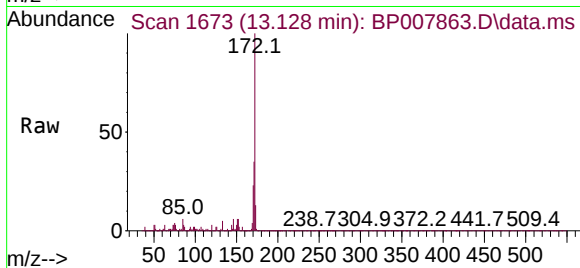
Tgt Ion:172 Resp: 2322661

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.2 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BP007863.D

Acq: 08 Nov 2021 16:23

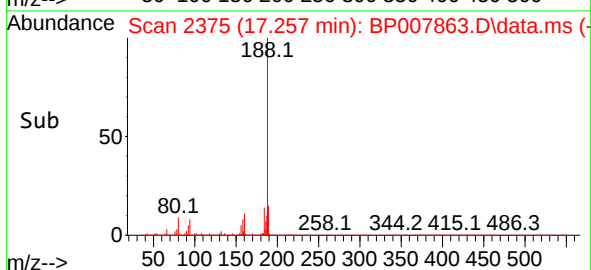
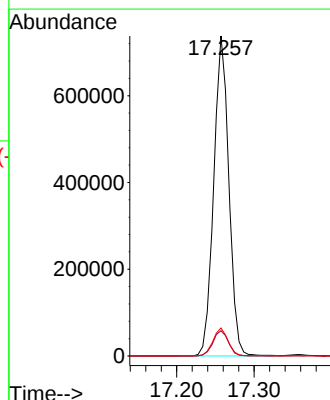
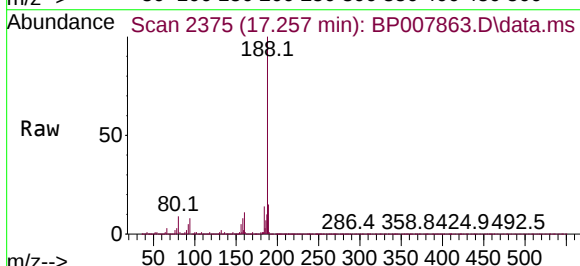
Tgt Ion:188 Resp: 1003932

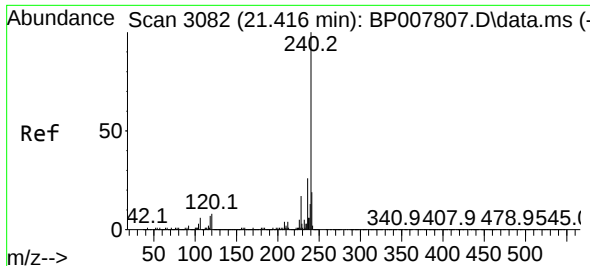
Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

80 8.8 7.8 11.6

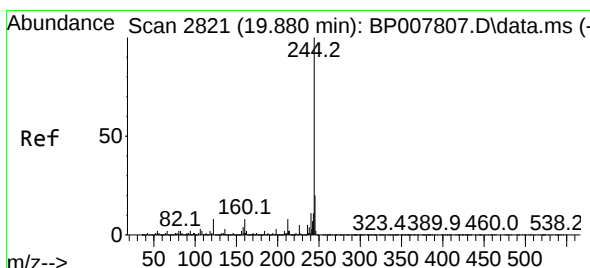
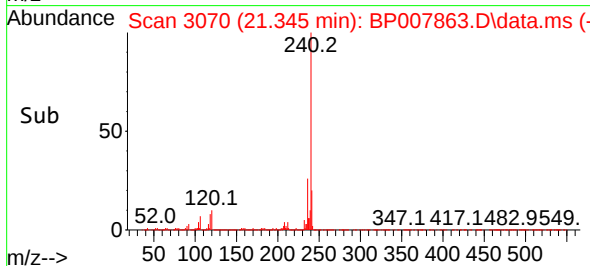
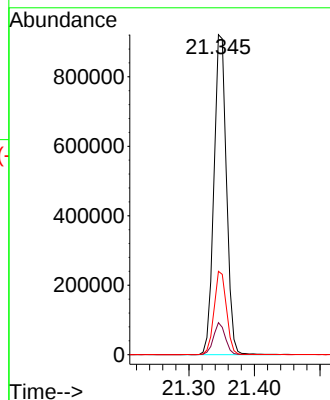
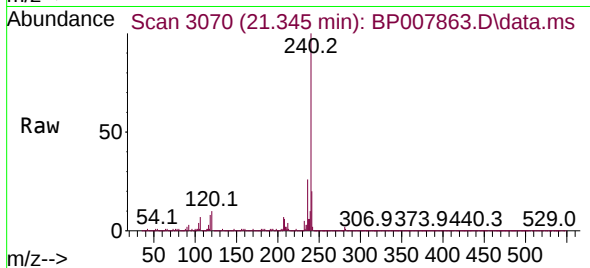




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP007863.D
Acq: 08 Nov 2021 16:23

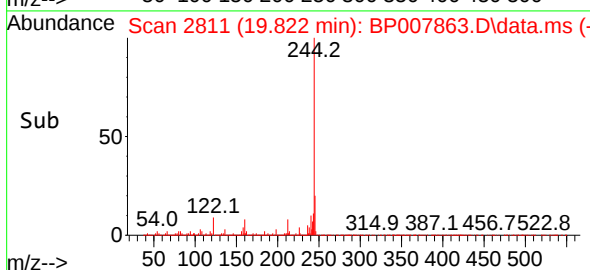
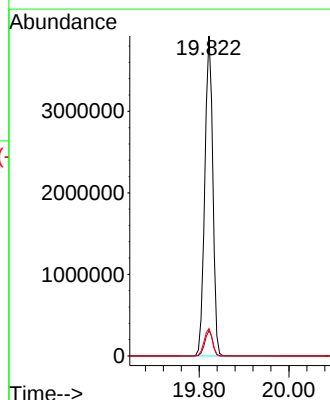
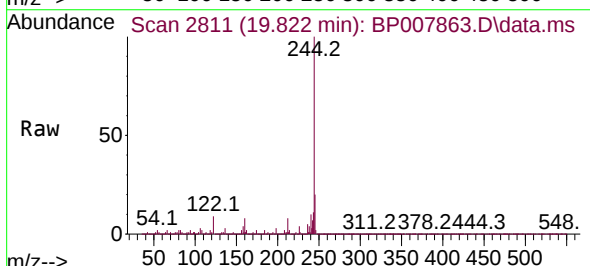
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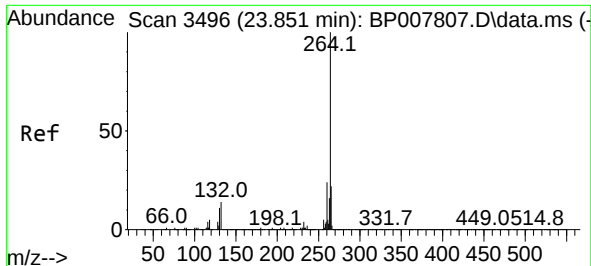
Tgt Ion:240 Resp: 1220283
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.8
236 26.1 20.6 30.8



#79
Terphenyl-d14
Concen: 80.789 ng
RT: 19.822 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BP007863.D
Acq: 08 Nov 2021 16:23

Tgt Ion:244 Resp: 4841416
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 8.5 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.763 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BP007863.D
 Acq: 08 Nov 2021 16:23

Instrument :
 BNA_P
 ClientSampleId :
 PB140492BL

Tgt Ion:264 Resp: 1367221
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.6 16.7 25.1

