

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
 Data File : BP007847.D
 Acq On : 04 Nov 2021 14:39
 Operator : CG/JU
 Sample : M4434-12 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2229

Quant Time: Nov 07 11:13:42 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 02 19:18:55 2021
 Response via : Initial Calibration

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

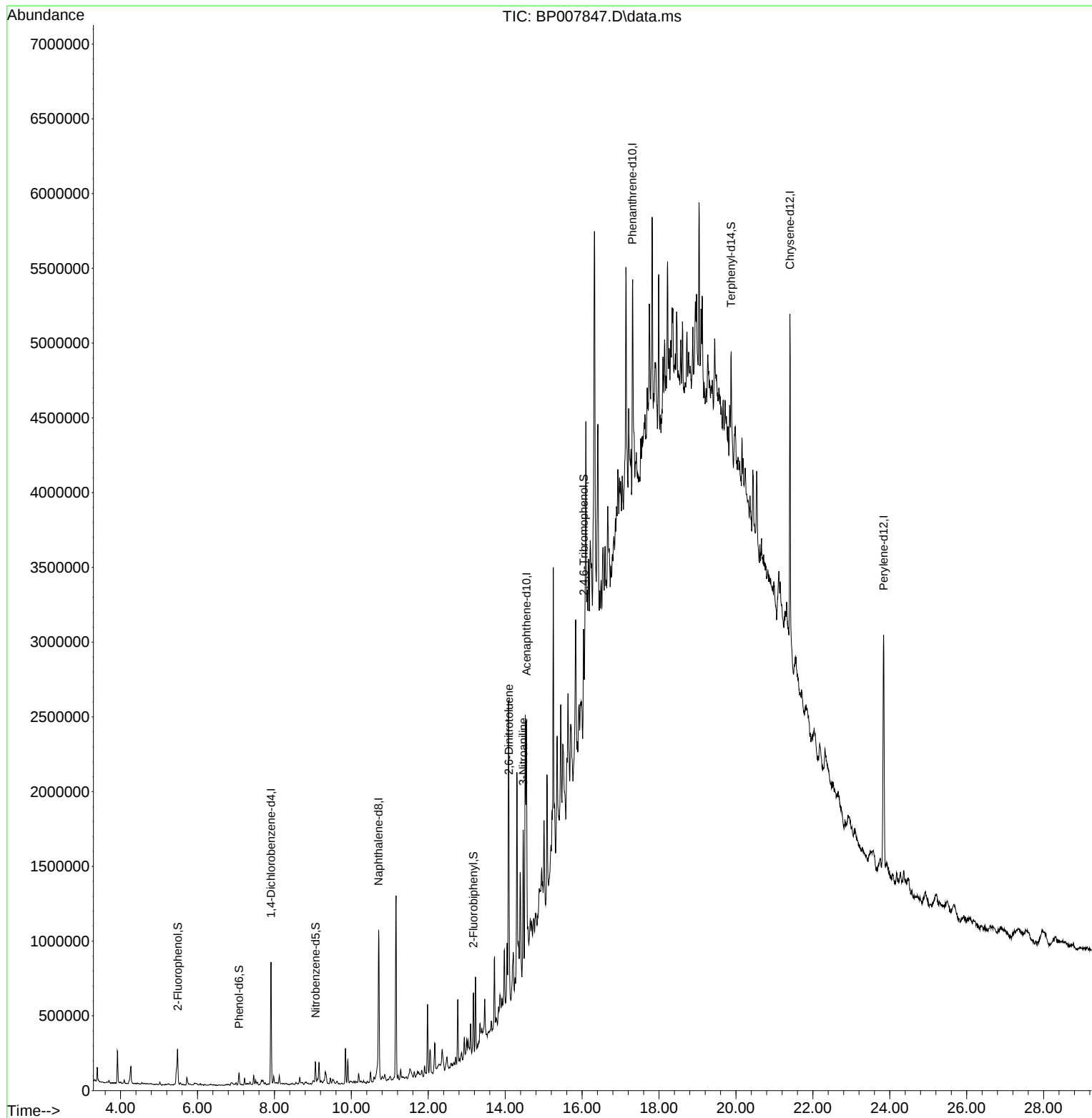
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	220793	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	804592	20.000	ng	-0.02
39) Acenaphthene-d10	14.551	164	488285	20.000	ng	-0.01
64) Phenanthrene-d10	17.310	188	960715	20.000	ng	-0.01
76) Chrysene-d12	21.404	240	1126130	20.000	ng	-0.01
86) Perylene-d12	23.839	264	1287921	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	52241	4.013	ng	-0.01
7) Phenol-d6	7.081	99	43321	2.299	ng	-0.01
23) Nitrobenzene-d5	9.069	82	77899	5.201	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	54505	7.822	ng	-0.01
45) 2-Fluorobiphenyl	13.175	172	195938	5.844	ng	-0.02
79) Terphenyl-d14	19.875	244	290543	5.254	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.381	88	125	Below Cal	Qvalue #	1
51) 2,6-Dinitrotoluene	14.098	165	49936	6.407	ng #	35
53) 3-Nitroaniline	14.469	138	35157	4.228	ng #	11

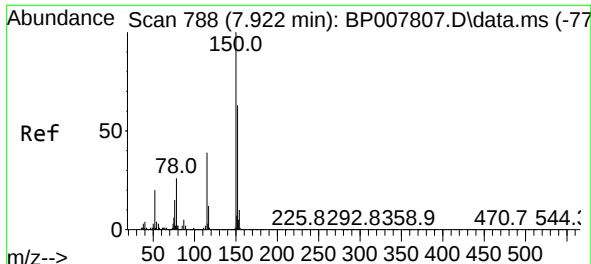
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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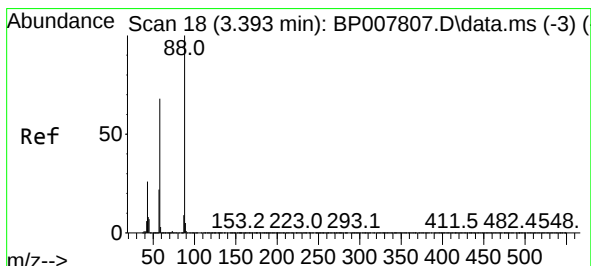
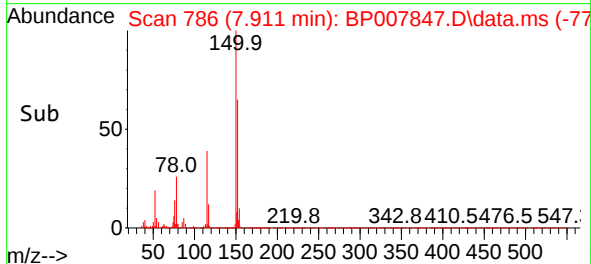
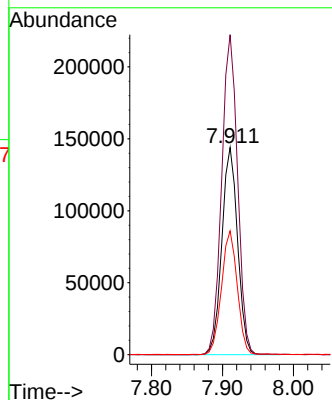
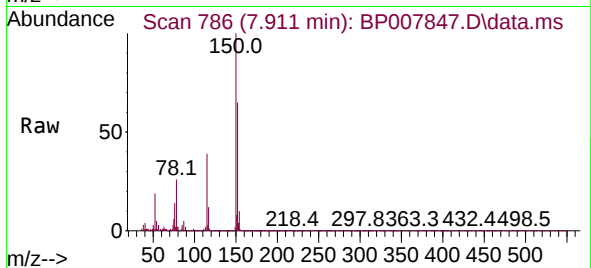




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP007847.D
Acq: 04 Nov 2021 14:39

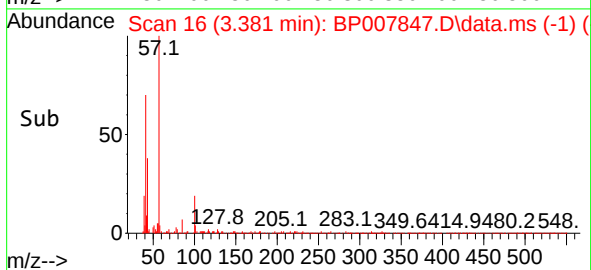
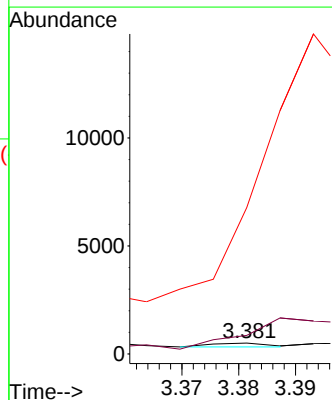
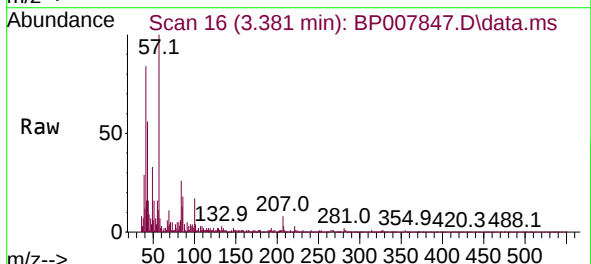
Instrument :
BNA_P
ClientSampleId :
2229

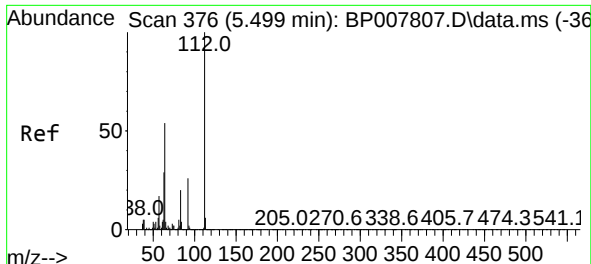
Tgt Ion:152 Resp: 220793
Ion Ratio Lower Upper
152 100
150 154.4 124.1 186.1
115 59.8 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.381 min Scan# 16
Delta R.T. -0.012 min
Lab File: BP007847.D
Acq: 04 Nov 2021 14:39

Tgt Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
58 2090.4 58.1 87.1#
43 15697.6 22.2 33.4#

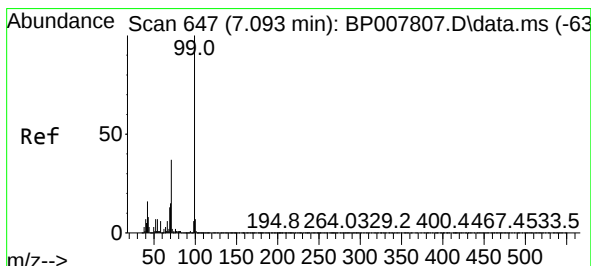
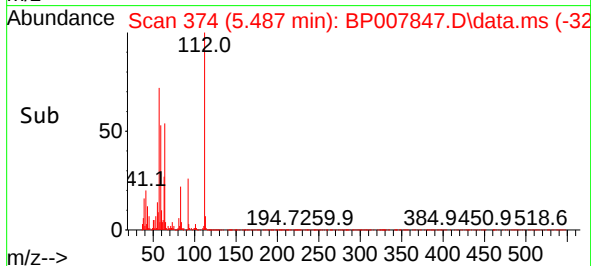
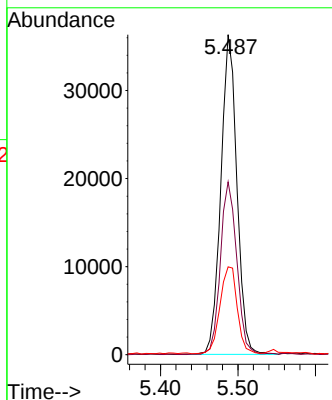
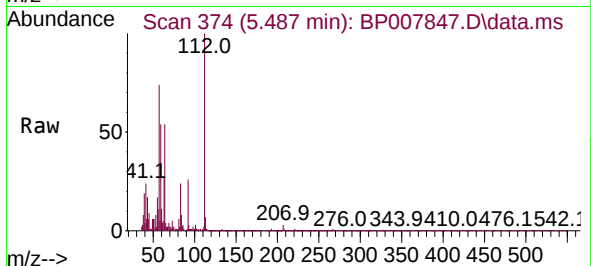




#5
2-Fluorophenol
Concen: 4.013 ng
RT: 5.487 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP007847.D
Acq: 04 Nov 2021 14:39

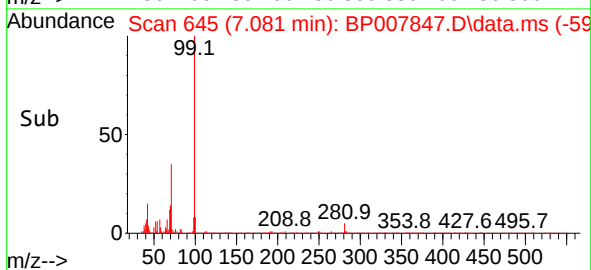
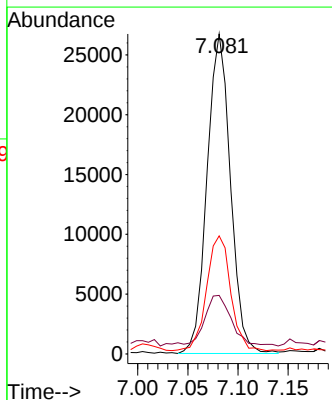
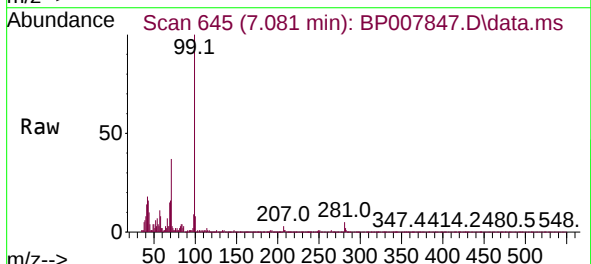
Instrument :
BNA_P
ClientSampleId :
2229

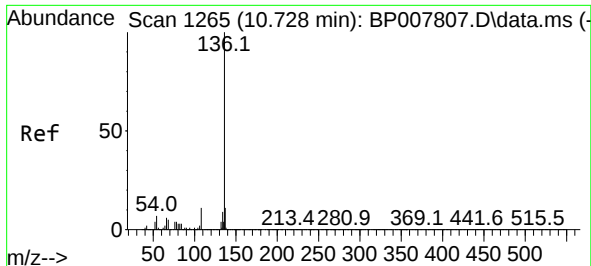
Tgt Ion:112 Resp: 52241
Ion Ratio Lower Upper
112 100
64 54.0 46.6 70.0
63 27.5 25.0 37.6



#7
Phenol-d6
Concen: 2.299 ng
RT: 7.081 min Scan# 645
Delta R.T. -0.012 min
Lab File: BP007847.D
Acq: 04 Nov 2021 14:39

Tgt Ion: 99 Resp: 43321
Ion Ratio Lower Upper
99 100
42 18.3 14.9 22.3
71 36.9 29.2 43.8



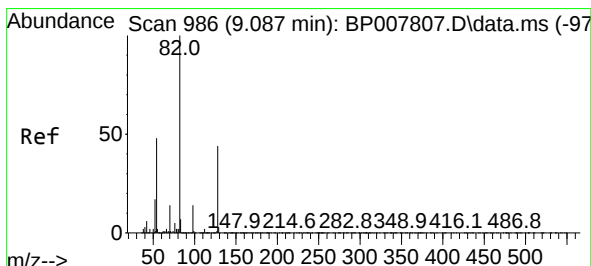
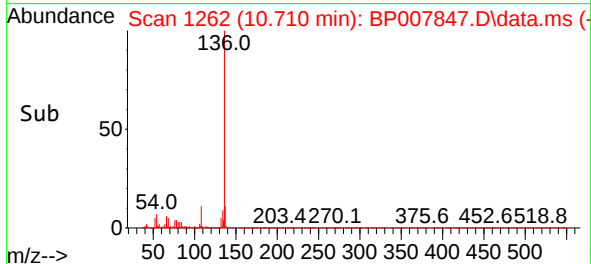
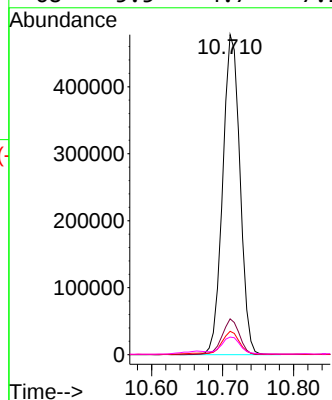
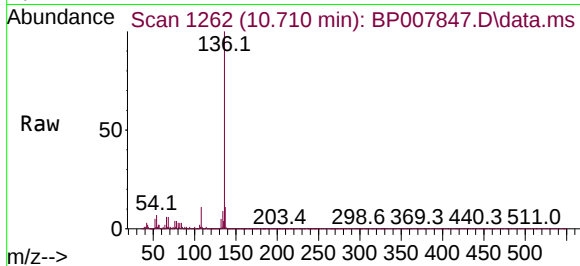


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP007847.D
Acq: 04 Nov 2021 14:39

Instrument :
BNA_P
ClientSampleId :
2229

Tgt Ion:136 Resp: 804592

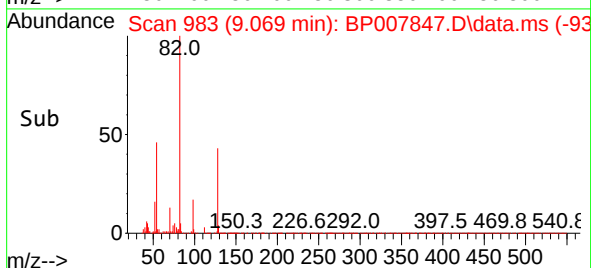
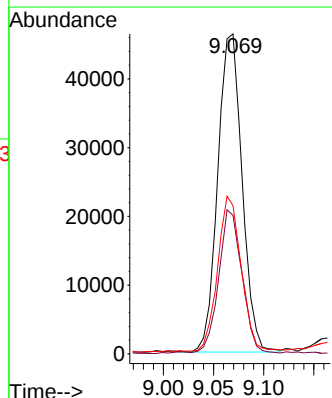
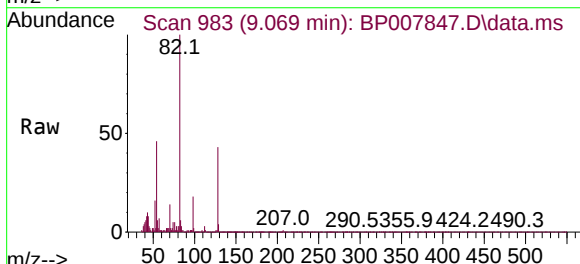
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.3	6.2	9.4
68	5.5	4.7	7.1

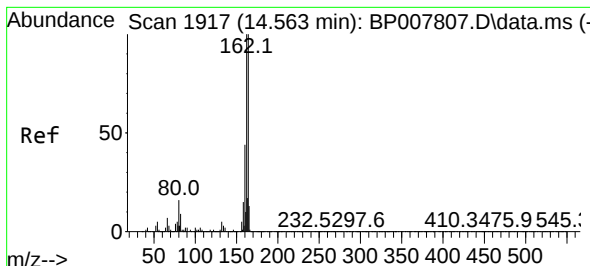


#23
Nitrobenzene-d5
Concen: 5.201 ng
RT: 9.069 min Scan# 983
Delta R.T. -0.017 min
Lab File: BP007847.D
Acq: 04 Nov 2021 14:39

Tgt Ion: 82 Resp: 77899

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.6	48.8
54	46.4	40.4	60.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BP007847.D

Acq: 04 Nov 2021 14:39

Instrument :

BNA_P

ClientSampleId :

2229

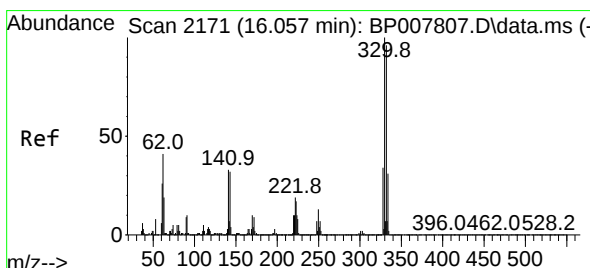
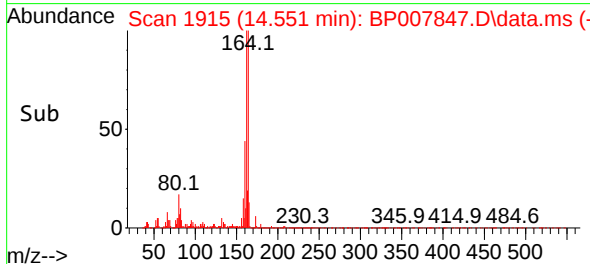
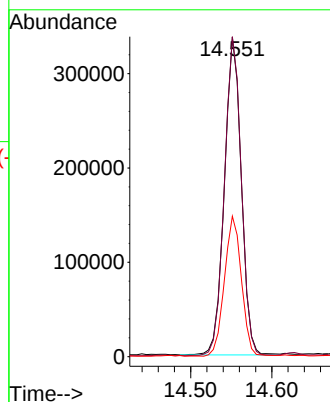
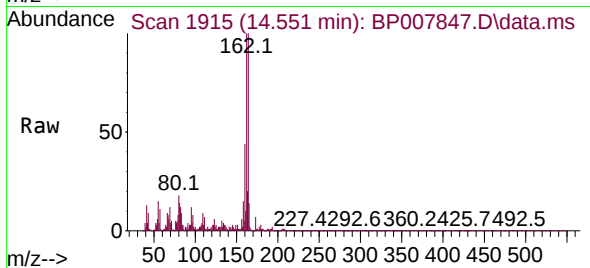
Tgt Ion:164 Resp: 488285

Ion Ratio Lower Upper

164 100

162 100.2 81.1 121.7

160 44.0 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 7.822 ng

RT: 16.045 min Scan# 2169

Delta R.T. -0.012 min

Lab File: BP007847.D

Acq: 04 Nov 2021 14:39

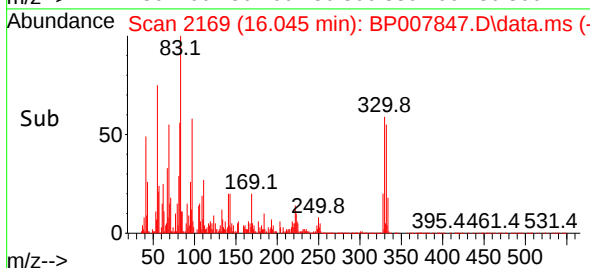
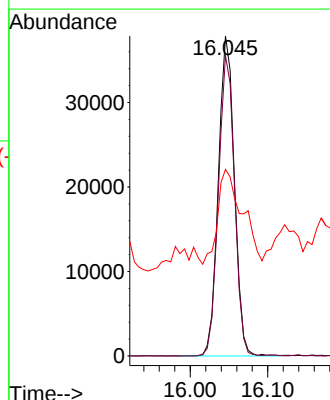
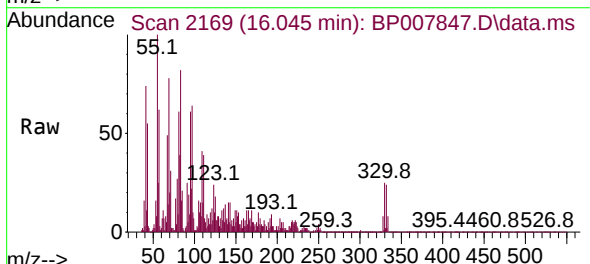
Tgt Ion:330 Resp: 54505

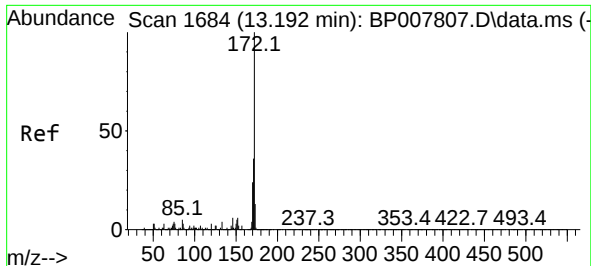
Ion Ratio Lower Upper

330 100

332 93.5 78.9 118.3

141 45.0 30.7 46.1

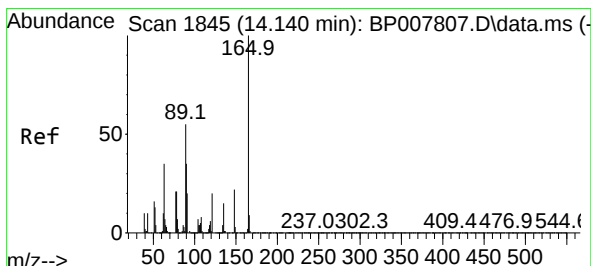
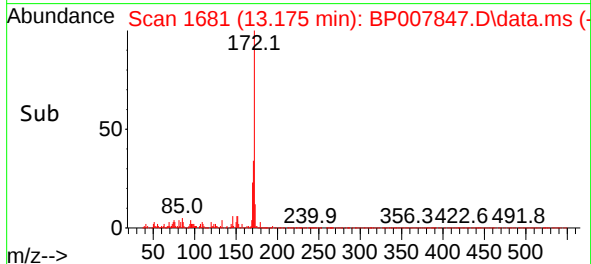
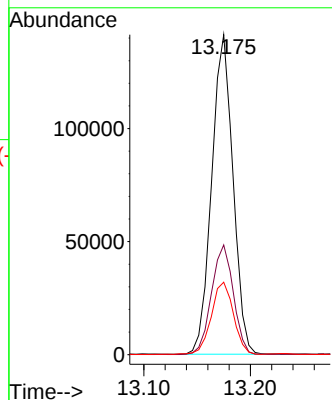
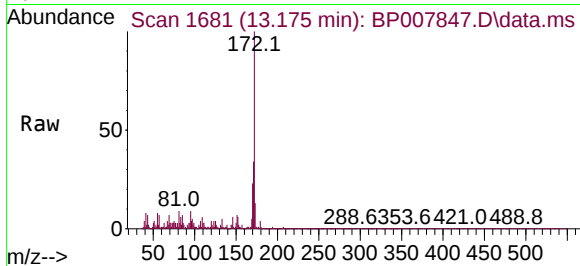




#45
2-Fluorobiphenyl
Concen: 5.844 ng
RT: 13.175 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP007847.D
Acq: 04 Nov 2021 14:39

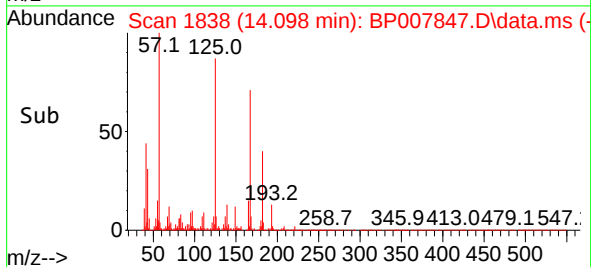
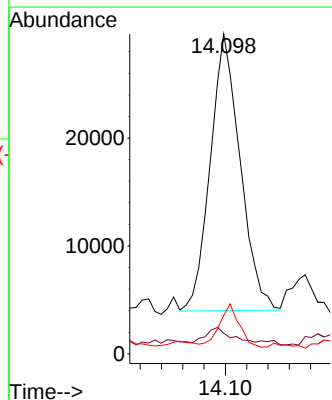
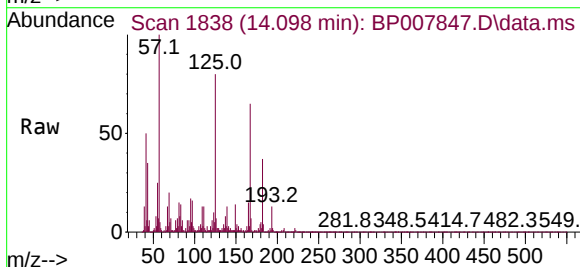
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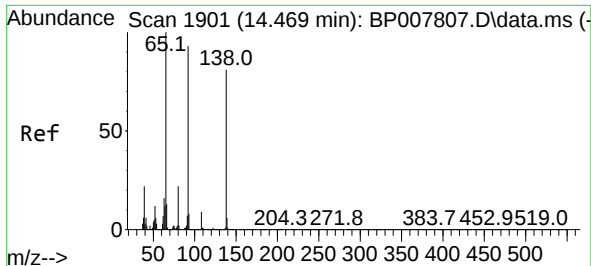
Tgt Ion:172 Resp: 195938
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.7 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 6.407 ng
RT: 14.098 min Scan# 1838
Delta R.T. -0.041 min
Lab File: BP007847.D
Acq: 04 Nov 2021 14:39

Tgt Ion:165 Resp: 49936
Ion Ratio Lower Upper
165 100
63 6.5 44.2 66.2#
89 12.0 46.6 70.0#

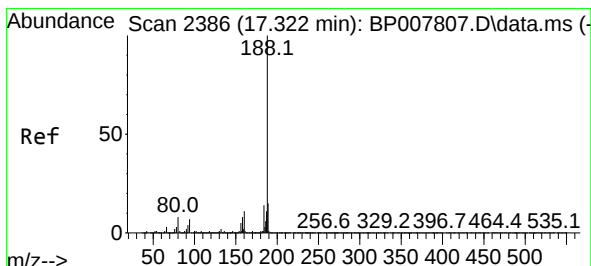
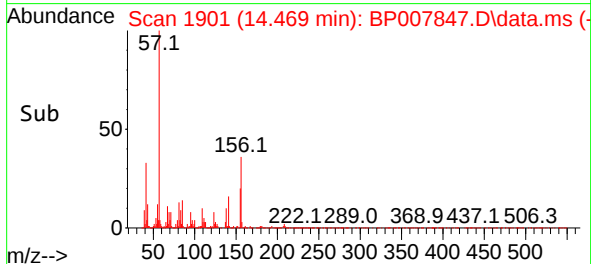
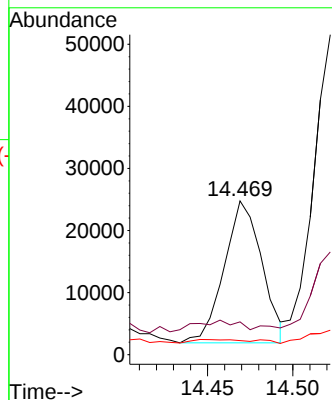
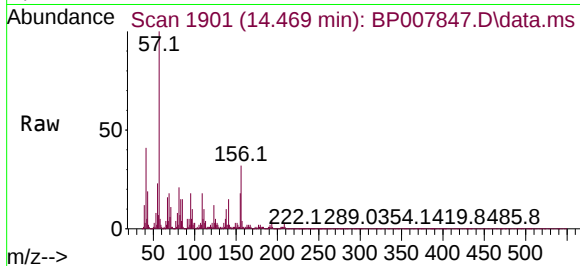




#53
3-Nitroaniline
Concen: 4.228 ng
RT: 14.469 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP007847.D
Acq: 04 Nov 2021 14:39

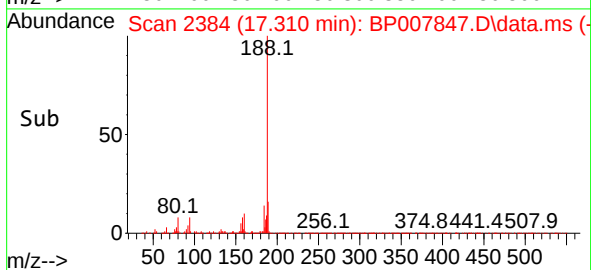
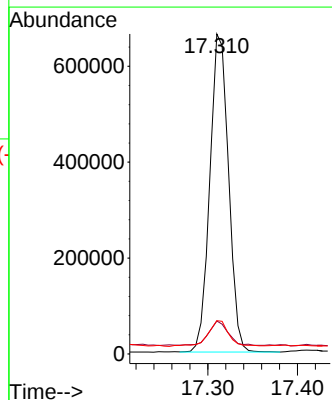
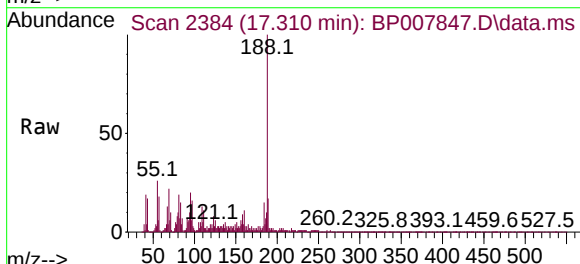
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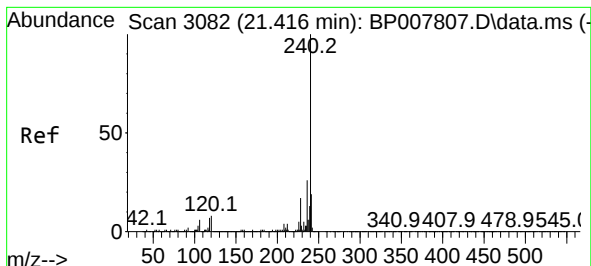
Tgt Ion:138 Resp: 35157
Ion Ratio Lower Upper
138 100
108 21.4 12.3 18.5#
92 9.2 94.9 142.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.012 min
Lab File: BP007847.D
Acq: 04 Nov 2021 14:39

Tgt Ion:188 Resp: 960715
Ion Ratio Lower Upper
188 100
94 10.3 7.1 10.7
80 10.4 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BP007847.D

Acq: 04 Nov 2021 14:39

Instrument :

BNA_P

ClientSampleId :

2229

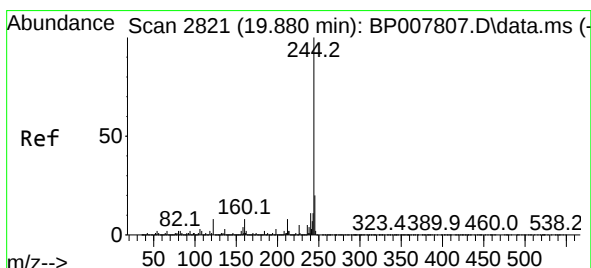
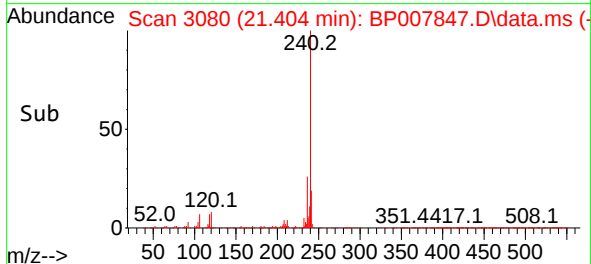
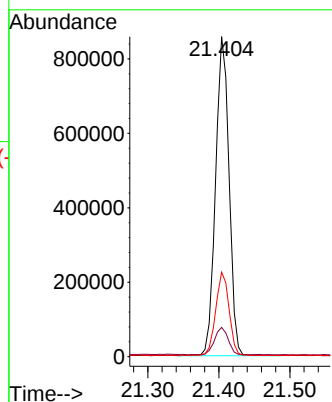
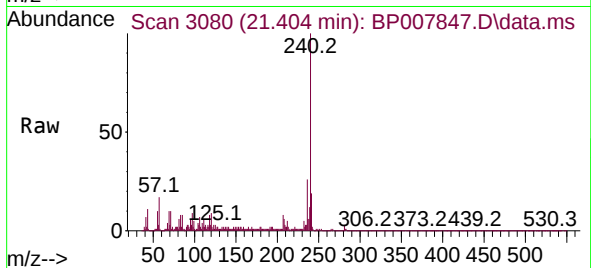
Tgt Ion:240 Resp: 1126130

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.8

236 26.4 20.6 30.8



#79

Terphenyl-d14

Concen: 5.254 ng

RT: 19.875 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BP007847.D

Acq: 04 Nov 2021 14:39

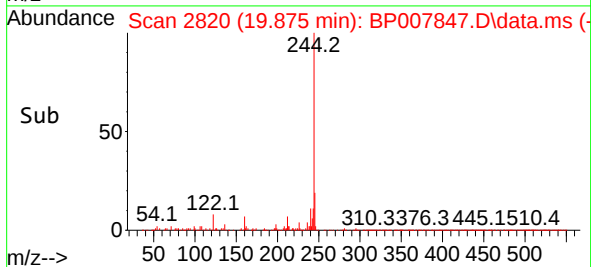
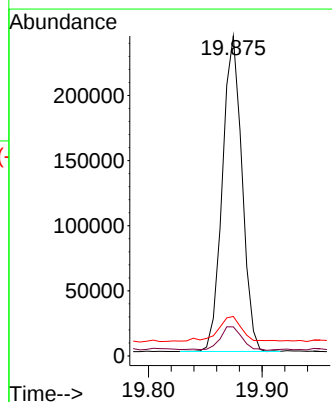
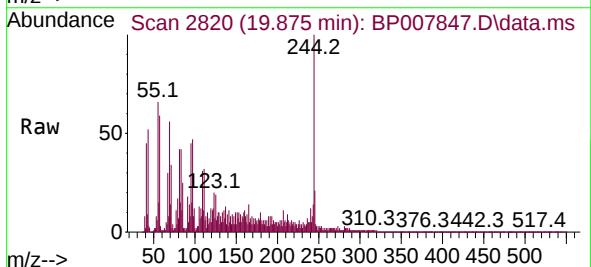
Tgt Ion:244 Resp: 290543

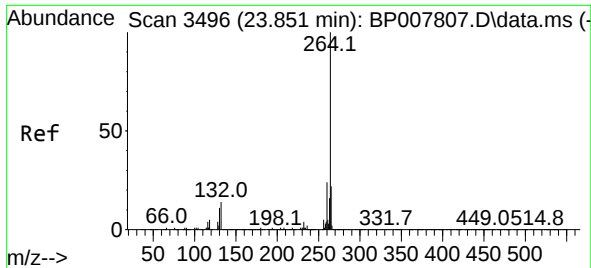
Ion Ratio Lower Upper

244 100

212 9.1 6.2 9.2

122 12.3 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.839 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP007847.D

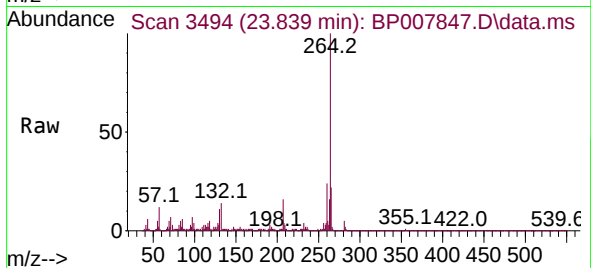
Acq: 04 Nov 2021 14:39

Instrument :

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Tgt Ion:264 Resp: 1287921

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.0 16.7 25.1

