

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
 Data File : BP007917.D
 Acq On : 10 Nov 2021 13:36
 Operator : CG/JU
 Sample : M4567-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BASEMENTRE

Quant Time: Nov 10 14:56:59 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)

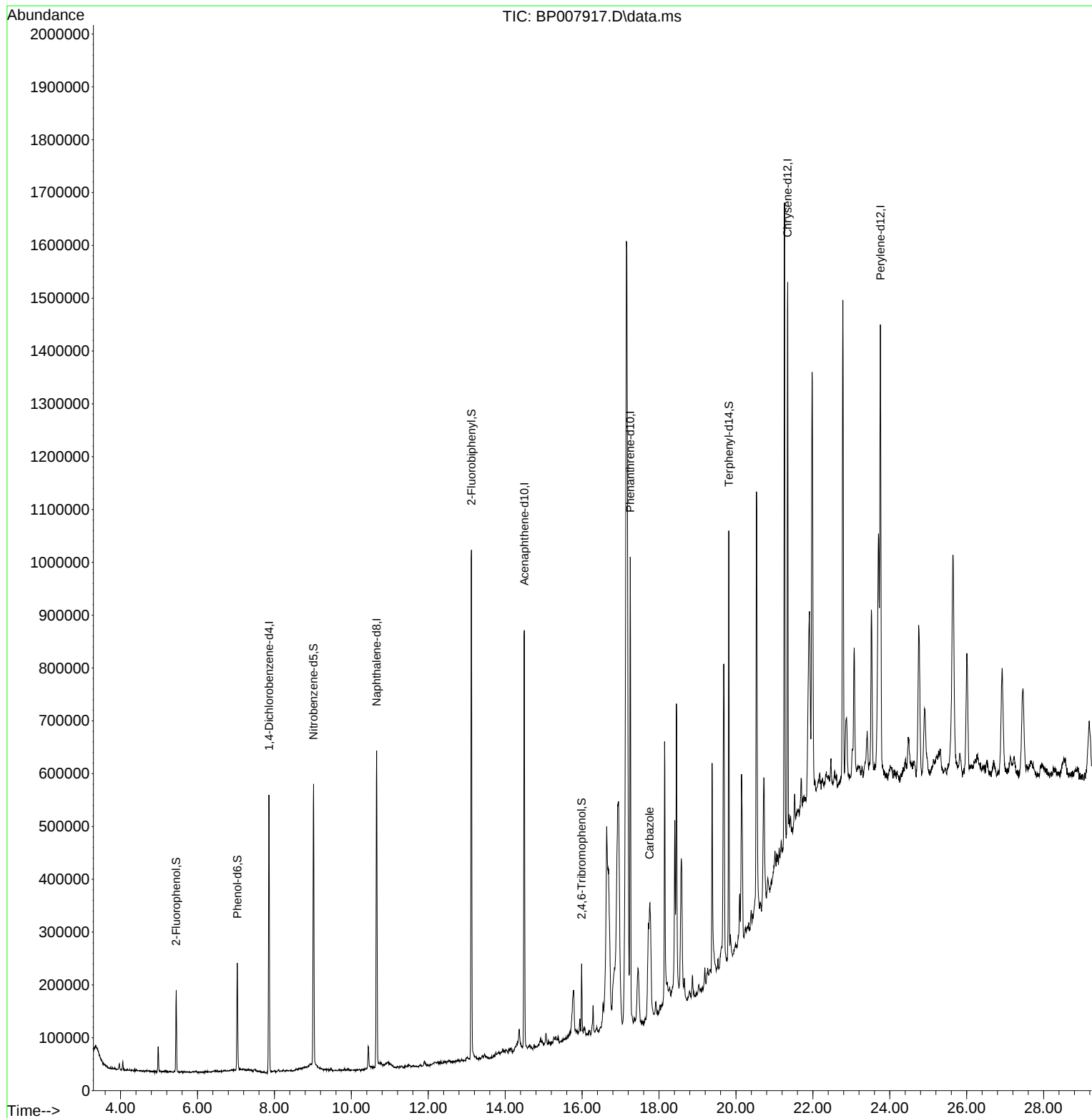
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	137469	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	477537	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	281160	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	529489	20.000	ng	0.00
76) Chrysene-d12	21.345	240	529830	20.000	ng	# 0.00
86) Perylene-d12	23.757	264	648913	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	60944	7.519	ng	0.00
7) Phenol-d6	7.034	99	111050	9.465	ng	0.00
23) Nitrobenzene-d5	9.016	82	292250	32.875	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	26628	6.636	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	504385	26.125	ng	0.00
79) Terphenyl-d14	19.816	244	383357	14.733	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.334	88	55	Below Cal	#	1
73) Carbazole	17.757	167	102249	3.755	ng	# 61

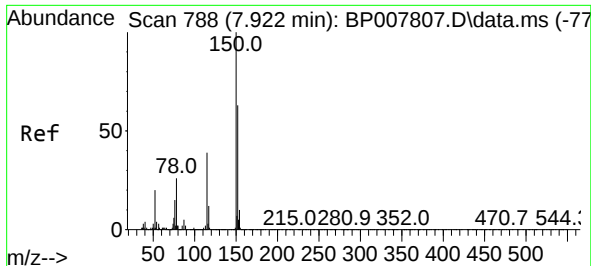
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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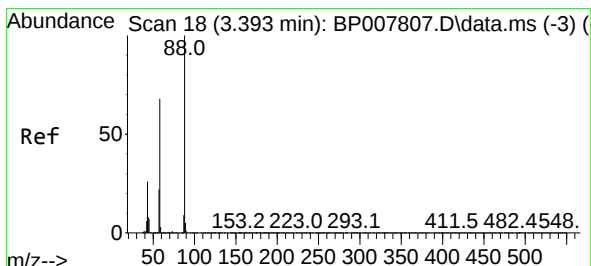
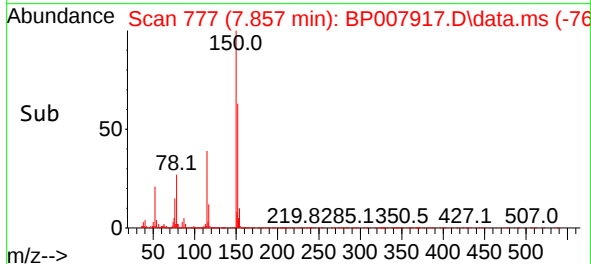
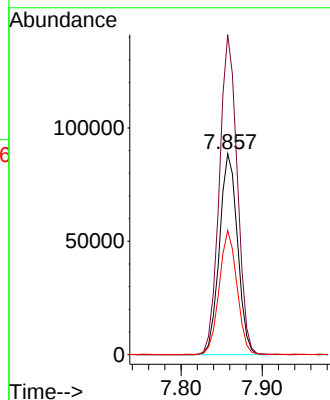
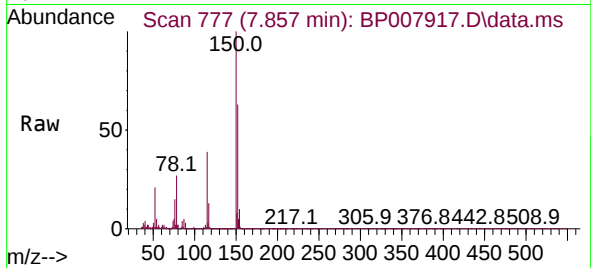




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 7
Delta R.T. -0.007 min
Lab File: BP007917.D
Acq: 10 Nov 2021 13:36

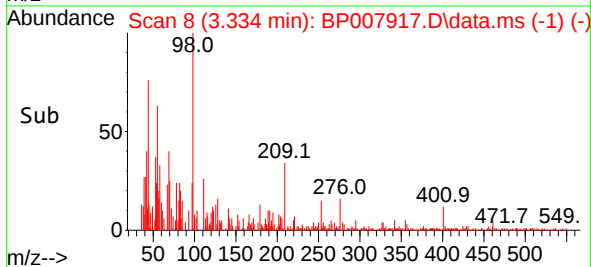
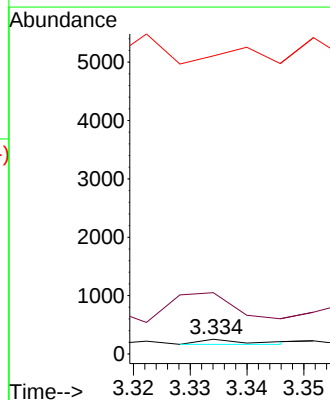
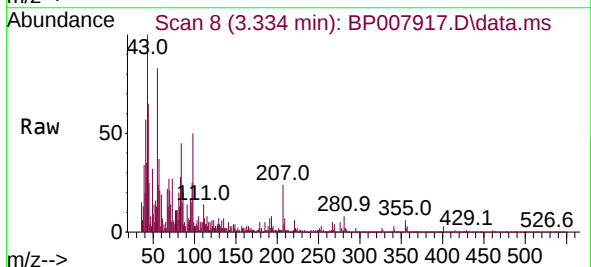
Instrument :
BNA_P
ClientSampleId :
BASEMENTRE

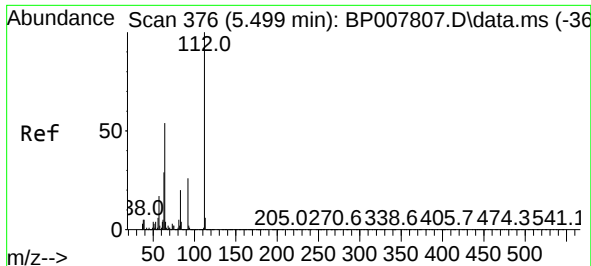
Tgt Ion:152 Resp: 137469
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 61.8 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.334 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP007917.D
Acq: 10 Nov 2021 13:36

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
58 749.1 58.1 87.1#
43 0.0 22.2 33.4#

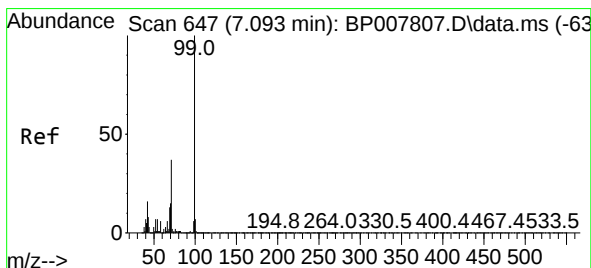
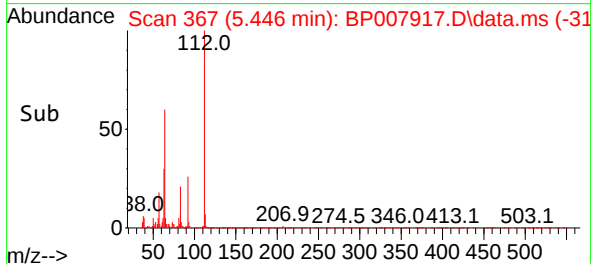
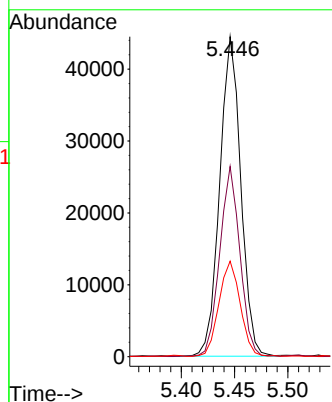
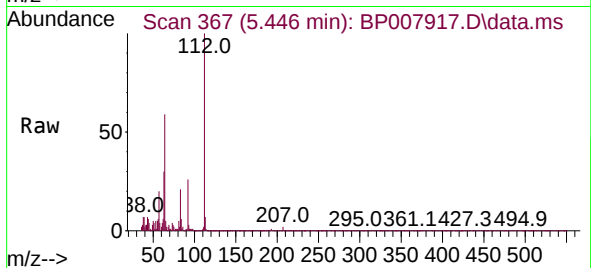




#5
2-Fluorophenol
Concen: 7.519 ng
RT: 5.446 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP007917.D
Acq: 10 Nov 2021 13:36

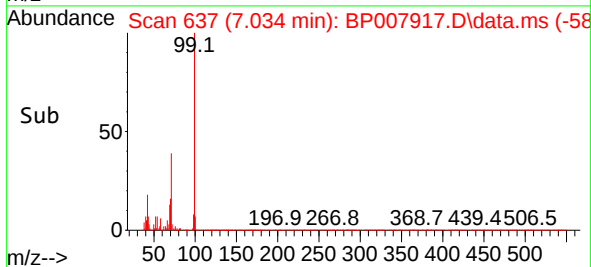
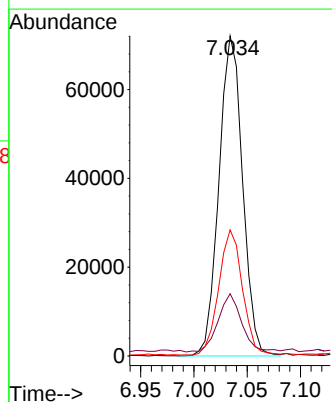
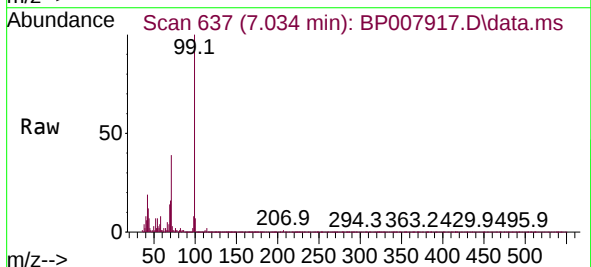
Instrument :
BNA_P
ClientSampleId :
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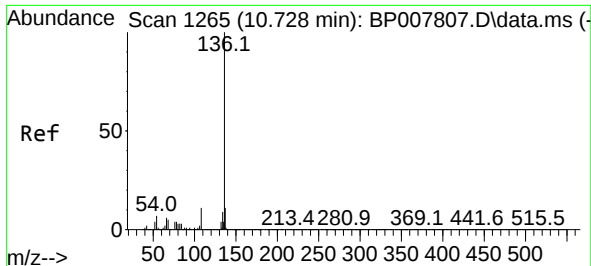
Tgt Ion:112 Resp: 60944
Ion Ratio Lower Upper
112 100
64 59.4 46.6 70.0
63 29.8 25.0 37.6



#7
Phenol-d6
Concen: 9.465 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP007917.D
Acq: 10 Nov 2021 13:36

Tgt Ion: 99 Resp: 111050
Ion Ratio Lower Upper
99 100
42 19.5 14.9 22.3
71 39.4 29.2 43.8



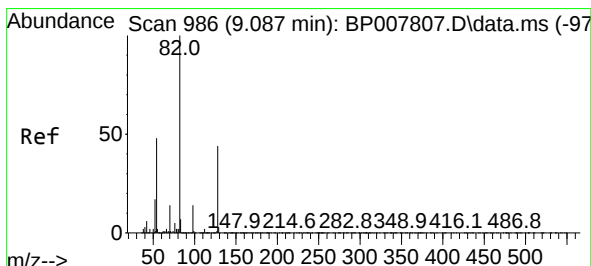
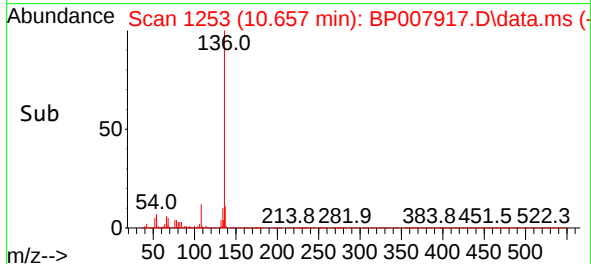
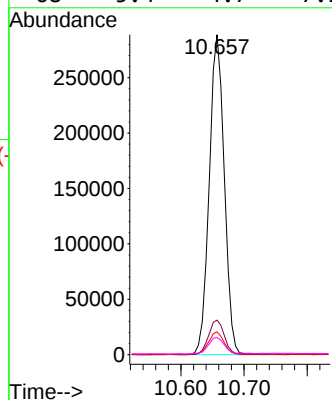
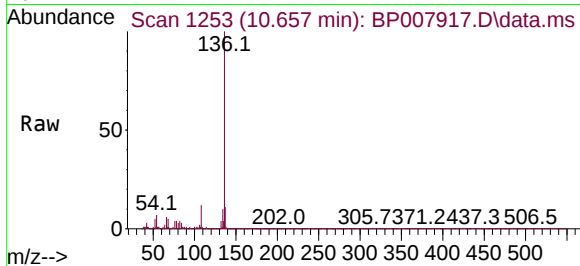


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007917.D
Acq: 10 Nov 2021 13:36

Instrument :
BNA_P
ClientSampleId :
BASEMENTRE

Tgt Ion:136 Resp: 477537

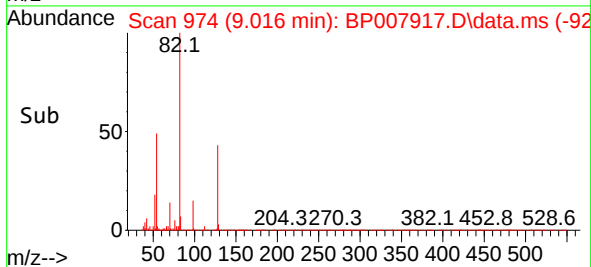
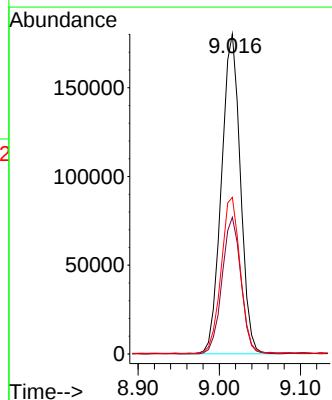
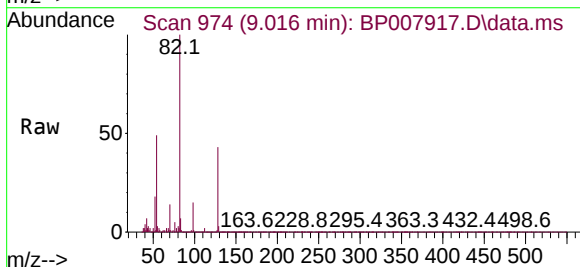
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.2	6.2	9.4
68	5.4	4.7	7.1

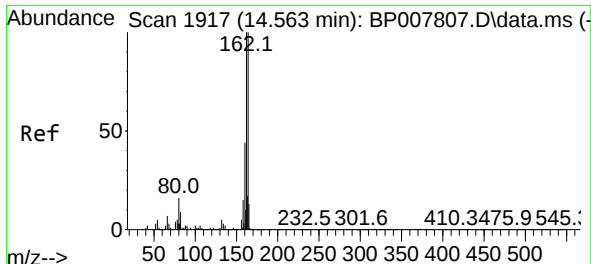


#23
Nitrobenzene-d5
Concen: 32.875 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP007917.D
Acq: 10 Nov 2021 13:36

Tgt Ion: 82 Resp: 292250

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.6	48.8
54	49.0	40.4	60.6

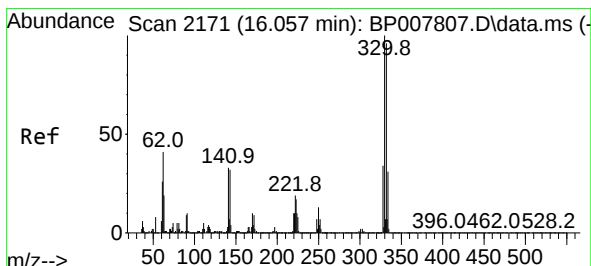
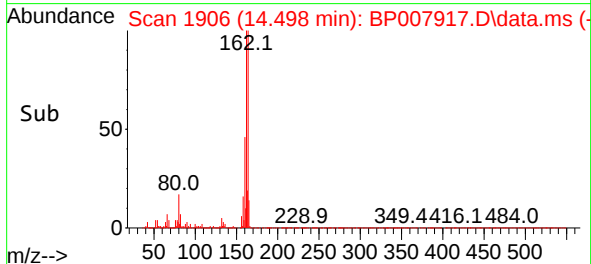
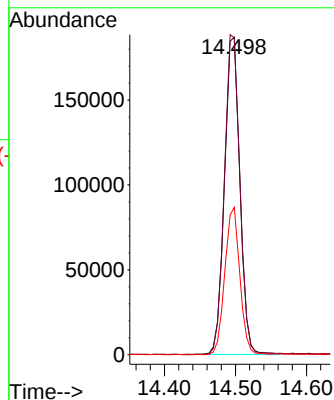
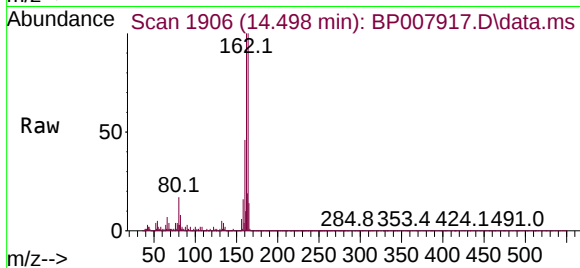




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP007917.D
Acq: 10 Nov 2021 13:36

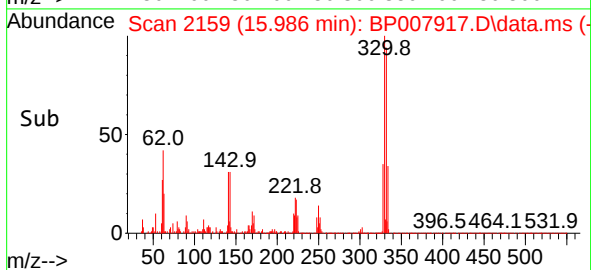
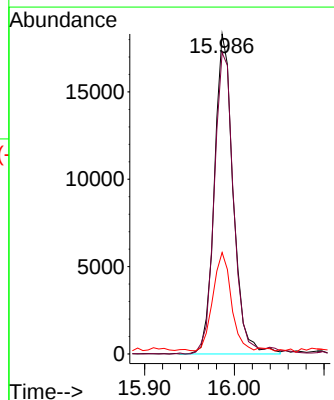
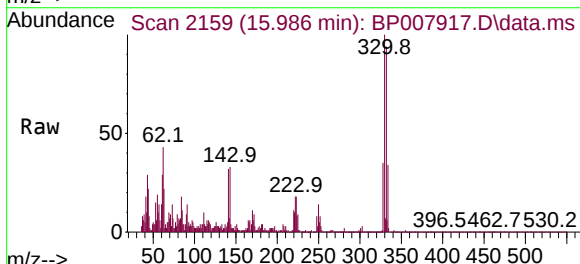
Instrument :
BNA_P
ClientSampleId :
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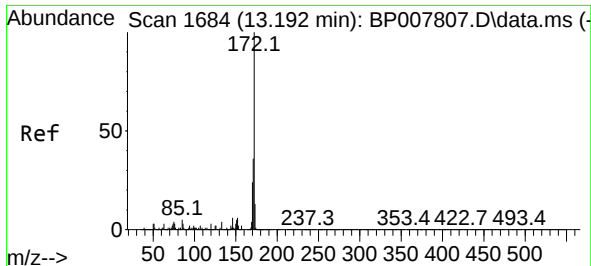
Tgt Ion:164 Resp: 281160
Ion Ratio Lower Upper
164 100
162 99.8 81.1 121.7
160 46.4 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 6.636 ng
RT: 15.986 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP007917.D
Acq: 10 Nov 2021 13:36

Tgt Ion:330 Resp: 26628
Ion Ratio Lower Upper
330 100
332 96.2 78.9 118.3
141 29.9 30.7 46.1#

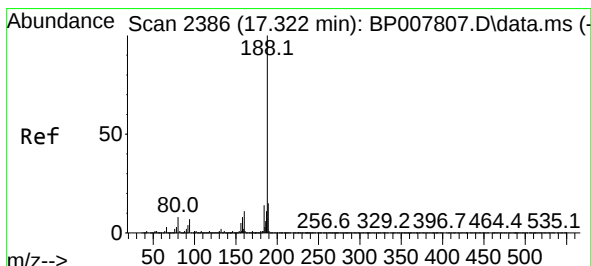
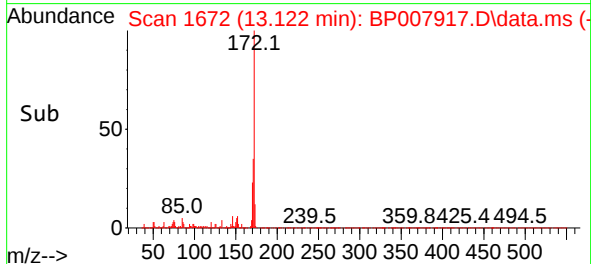
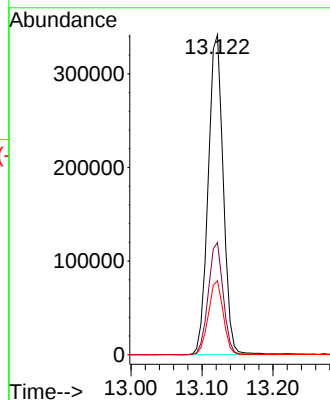
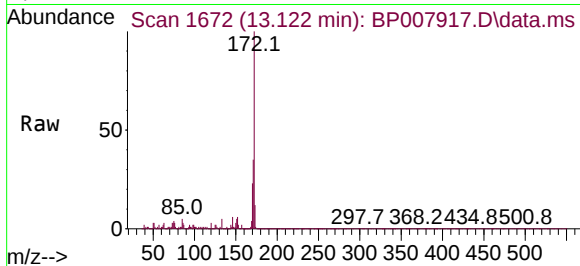




#45
2-Fluorobiphenyl
Concen: 26.125 ng
RT: 13.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007917.D
Acq: 10 Nov 2021 13:36

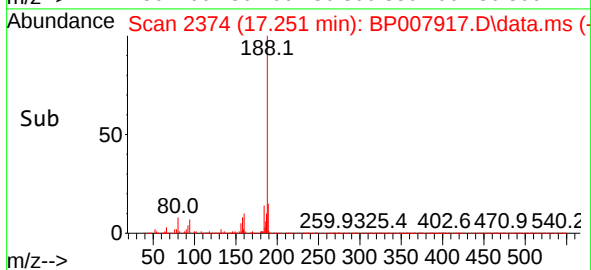
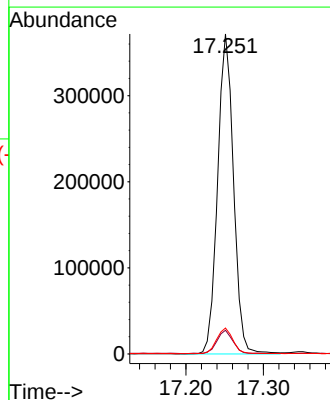
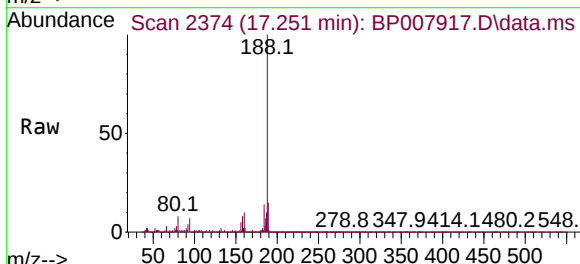
Instrument :
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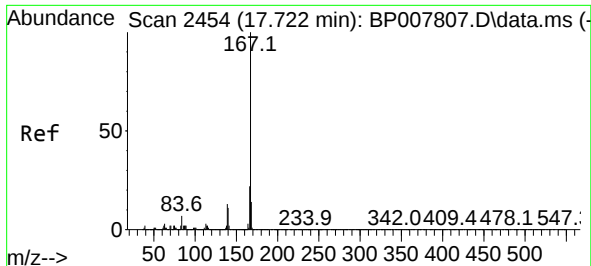
Tgt Ion:172 Resp: 504385
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.1 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP007917.D
Acq: 10 Nov 2021 13:36

Tgt Ion:188 Resp: 529489
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 8.1 7.8 11.6

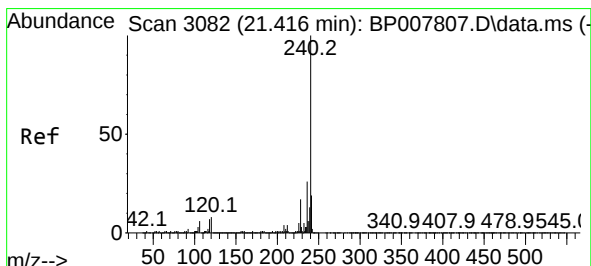
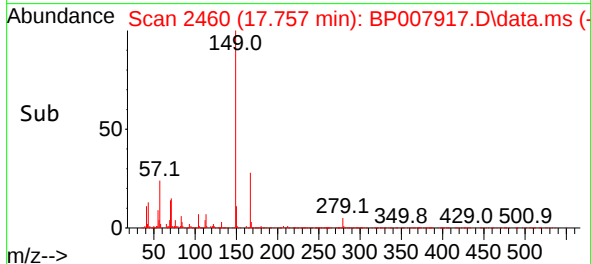
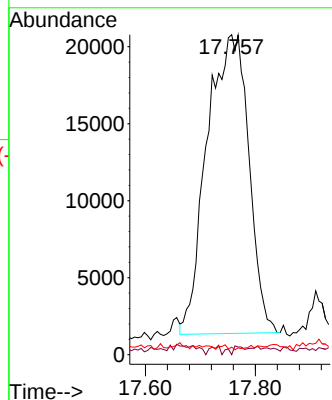
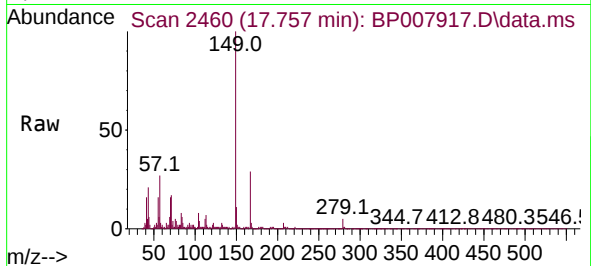




#73
 Carbazole
 Concen: 3.755 ng
 RT: 17.757 min Scan# 2454
 Delta R.T. 0.094 min
 Lab File: BP007917.D
 Acq: 10 Nov 2021 13:36

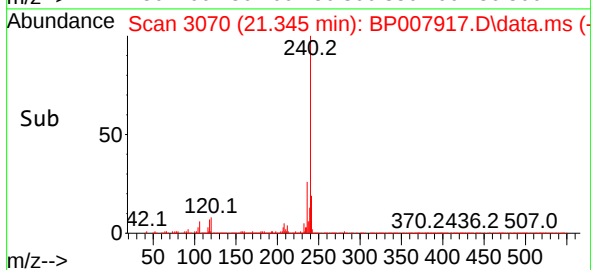
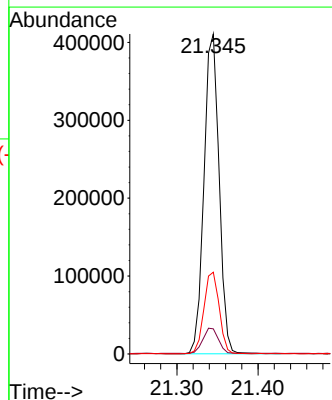
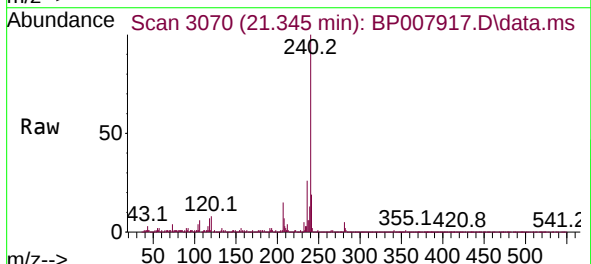
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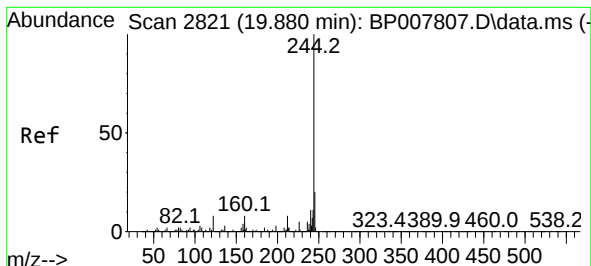
Tgt Ion:167 Resp: 102249
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.3 25.9#
 139 2.4 10.4 15.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.345 min Scan# 3070
 Delta R.T. -0.006 min
 Lab File: BP007917.D
 Acq: 10 Nov 2021 13:36

Tgt Ion:240 Resp: 529830
 Ion Ratio Lower Upper
 240 100
 120 7.8 7.8 11.8#
 236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 14.733 ng

RT: 19.816 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP007917.D

Acq: 10 Nov 2021 13:36

Instrument :

BNA_P

ClientSampleId :

BASEMENTRE

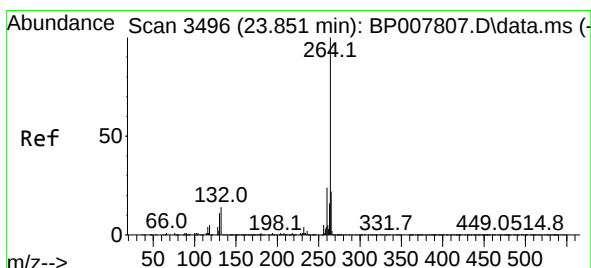
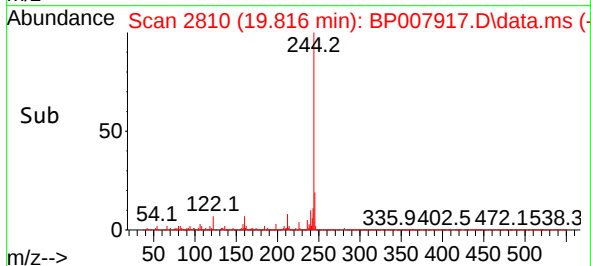
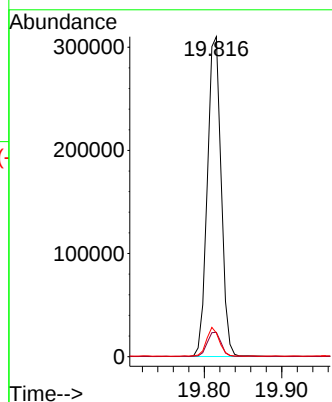
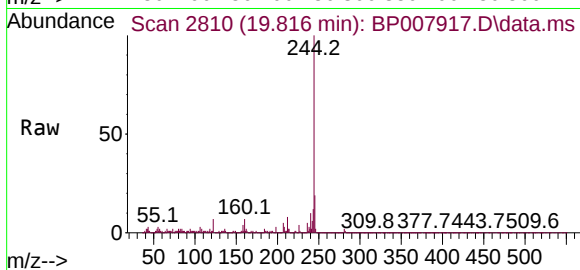
Tgt Ion:244 Resp: 383357

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: 23.757 min Scan# 3480

Delta R.T. -0.012 min

Lab File: BP007917.D

Acq: 10 Nov 2021 13:36

Tgt Ion:264 Resp: 648913

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 23.2 16.7 25.1

