

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
 Data File : BP007909.D
 Acq On : 10 Nov 2021 02:00
 Operator : CG/JU
 Sample : M4583-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B7-110621-0-10

Quant Time: Nov 10 11:08:06 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)

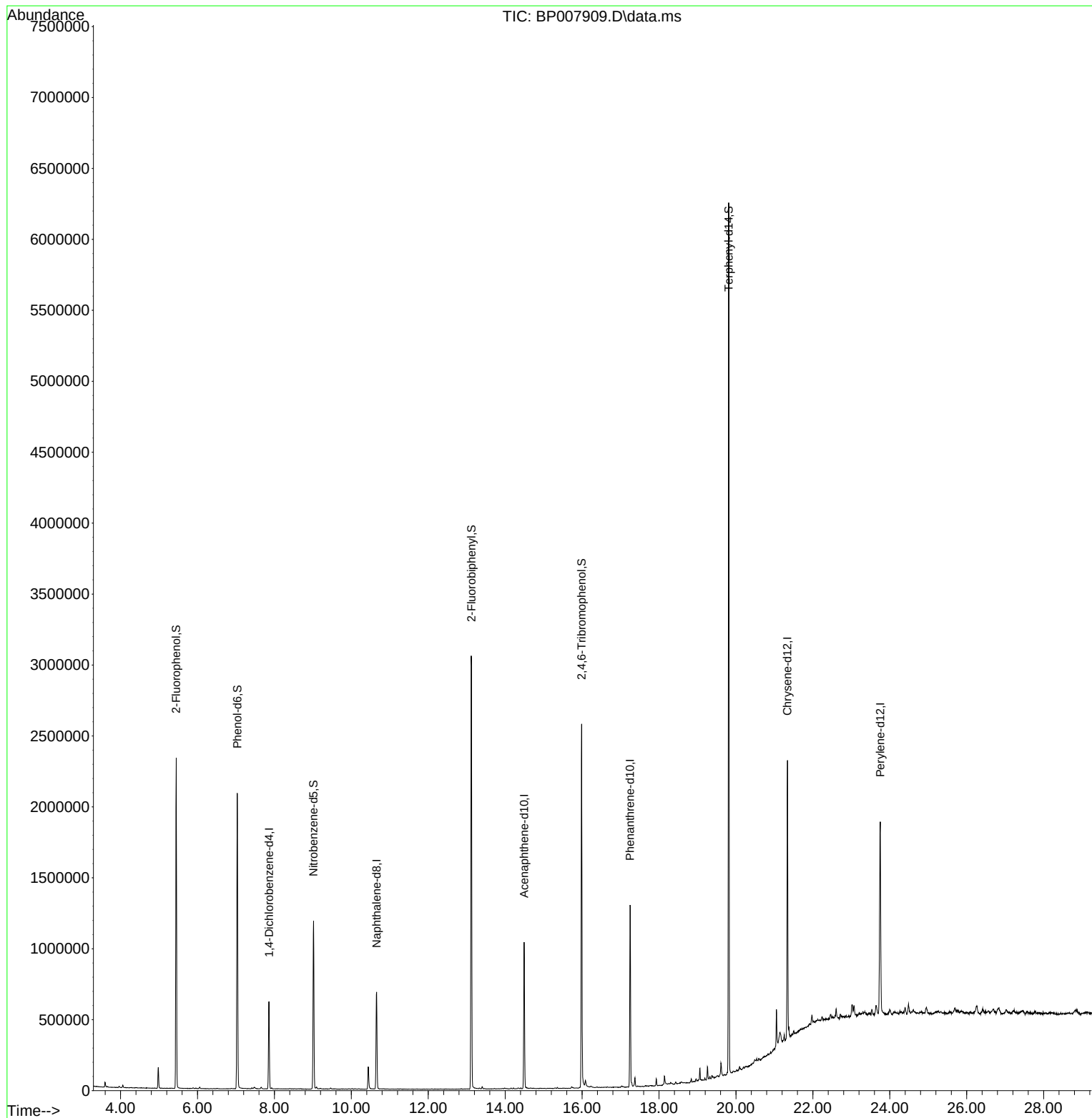
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	164834	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	567740	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	365944	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	800709	20.000	ng	-0.01
76) Chrysene-d12	21.339	240	944408	20.000	ng	#-0.01
86) Perylene-d12	23.751	264	1061905	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	961971	98.975	ng	0.00
7) Phenol-d6	7.034	99	1152936	81.956	ng	0.00
23) Nitrobenzene-d5	9.016	82	667711	63.176	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	520010	99.570	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	1613190	64.197	ng	0.00
79) Terphenyl-d14	19.810	244	2833660	61.098	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.352	88	278	Below Cal	#	Qvalue 69

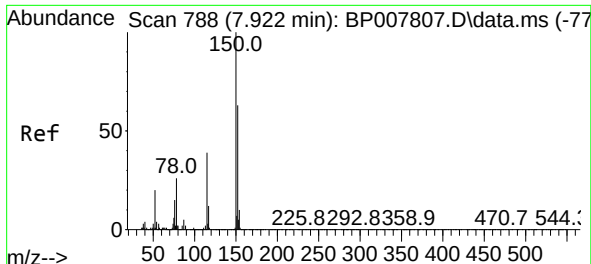
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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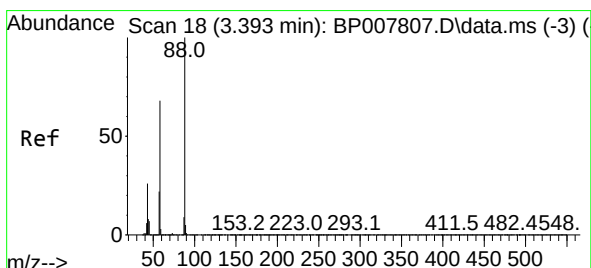
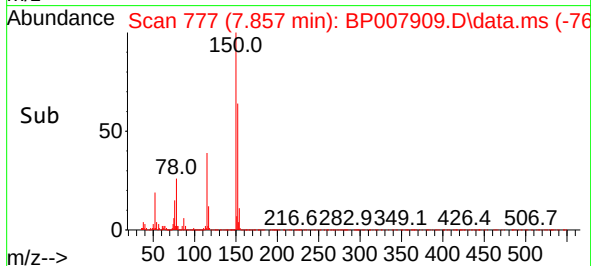
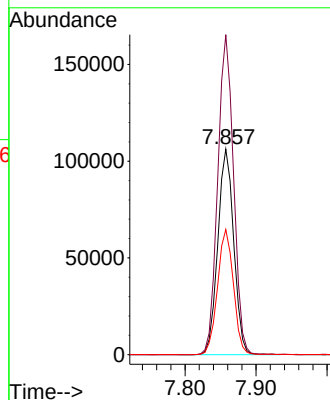
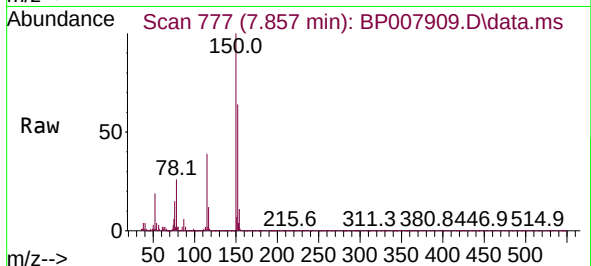




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.857 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BP007909.D
 Acq: 10 Nov 2021 02:00

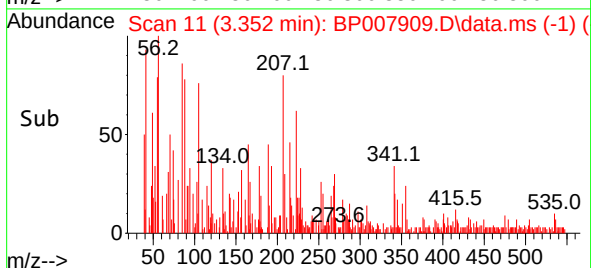
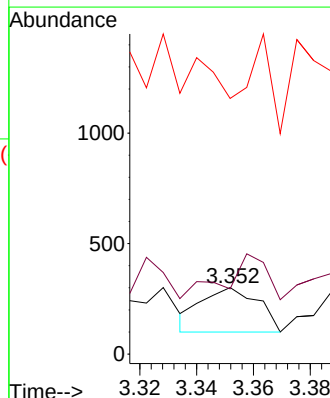
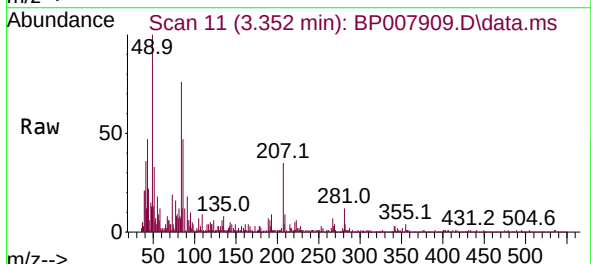
Instrument :
 BNA_F
 ClientSampleId :
 VWE-B7-110621-0-10

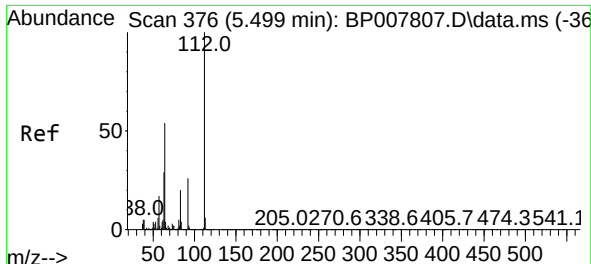
Tgt Ion:152 Resp: 164834
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.1 186.1
 115 60.8 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.352 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP007909.D
 Acq: 10 Nov 2021 02:00

Tgt Ion: 88 Resp: 278
 Ion Ratio Lower Upper
 88 100
 58 54.0 58.1 87.1#
 43 0.0 22.2 33.4#

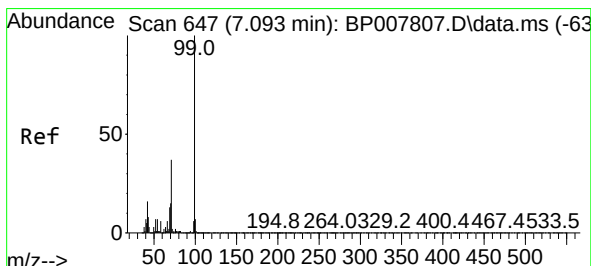
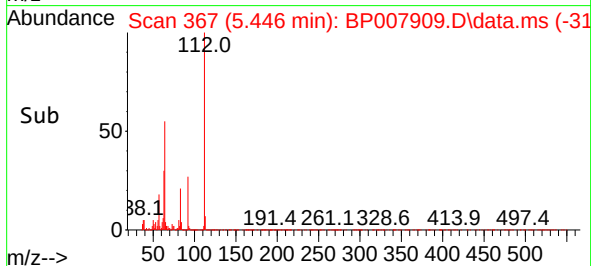
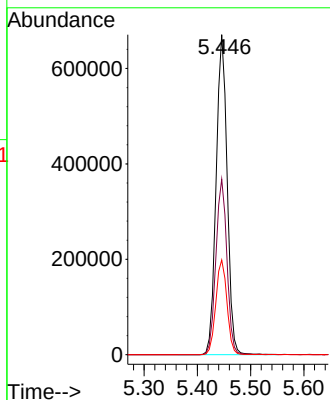
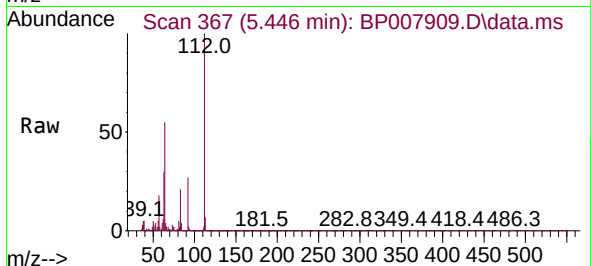




#5
2-Fluorophenol
Concen: 98.975 ng
RT: 5.446 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP007909.D
Acq: 10 Nov 2021 02:00

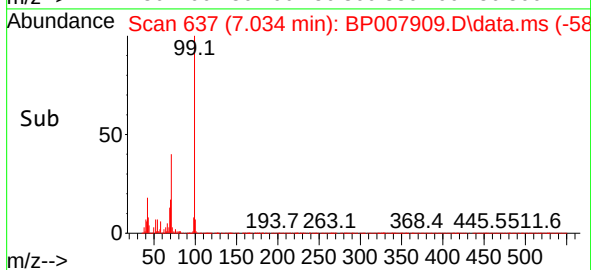
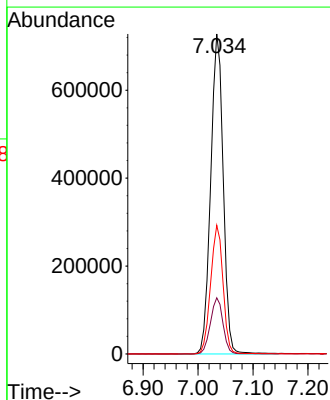
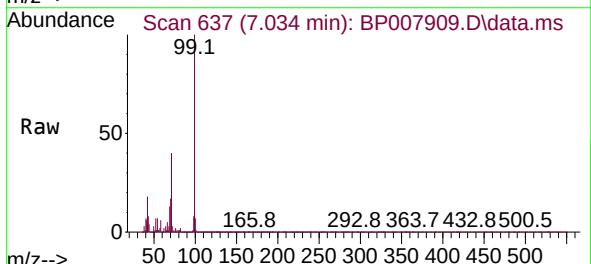
Instrument :
BNA_F
ClientSampleId :
VWE-B7-110621-0-10

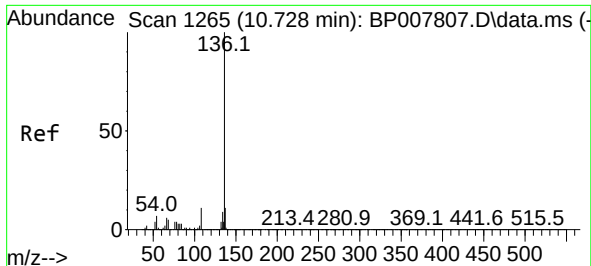
Tgt Ion:112 Resp: 961971
Ion Ratio Lower Upper
112 100
64 54.8 46.6 70.0
63 29.6 25.0 37.6



#7
Phenol-d6
Concen: 81.956 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP007909.D
Acq: 10 Nov 2021 02:00

Tgt Ion: 99 Resp: 1152936
Ion Ratio Lower Upper
99 100
42 17.5 14.9 22.3
71 40.2 29.2 43.8

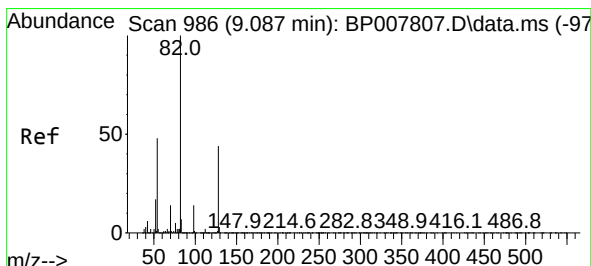
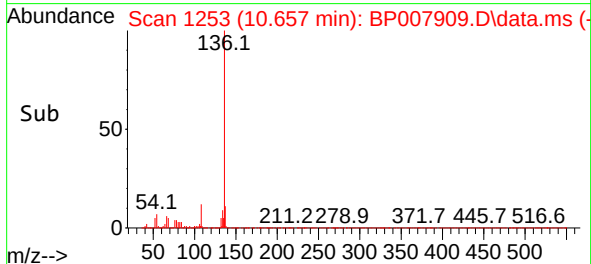
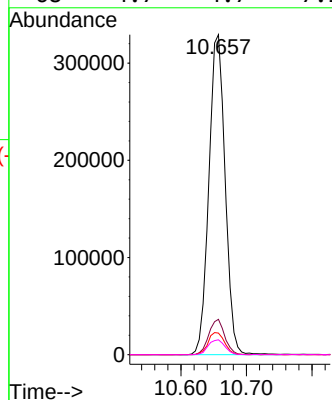
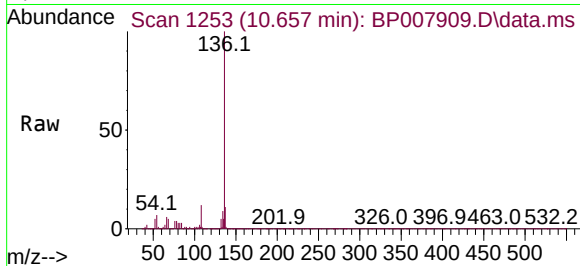




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007909.D
Acq: 10 Nov 2021 02:00

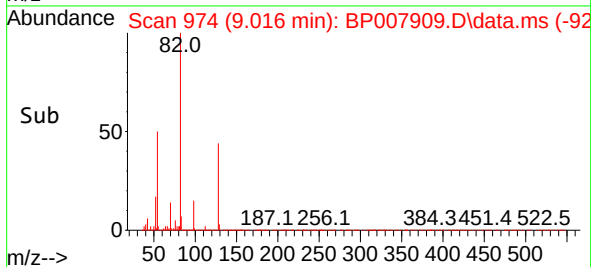
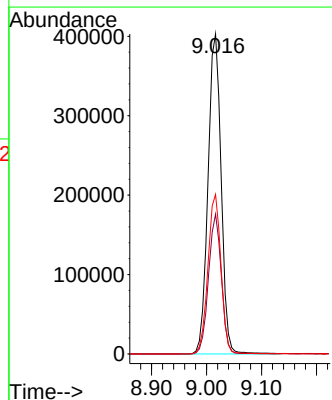
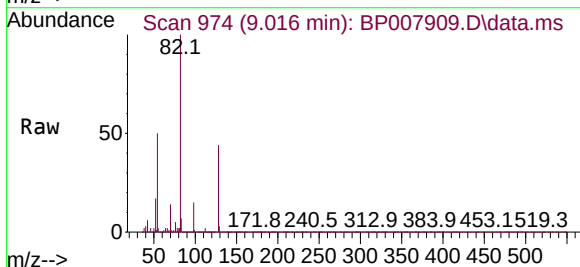
Instrument :
BNA_F
ClientSampleId :
VWE-B7-110621-0-10

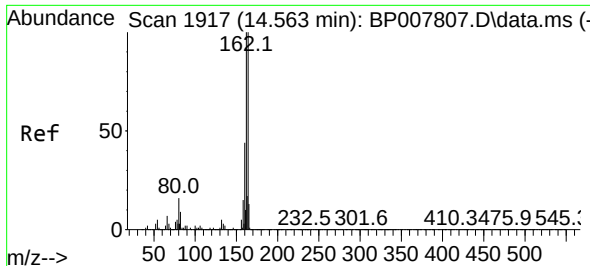
Tgt Ion:	136	Resp:	567740
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.7	6.2	9.4
68	4.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 63.176 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP007909.D
Acq: 10 Nov 2021 02:00

Tgt Ion:	82	Resp:	667711
Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.6	48.8
54	49.8	40.4	60.6

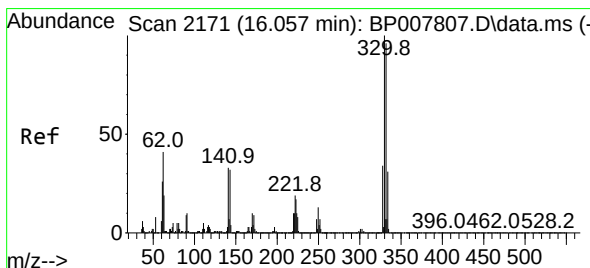
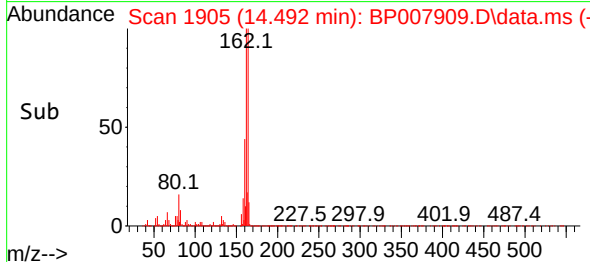
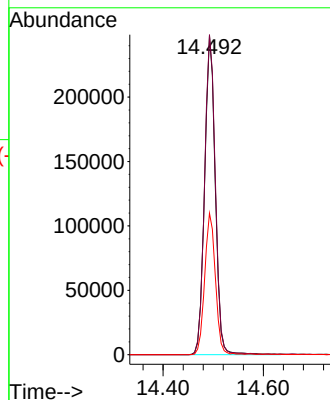
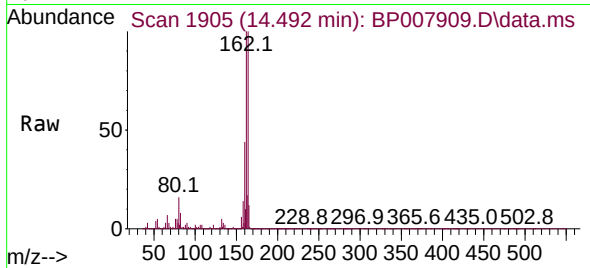




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP007909.D
Acq: 10 Nov 2021 02:00

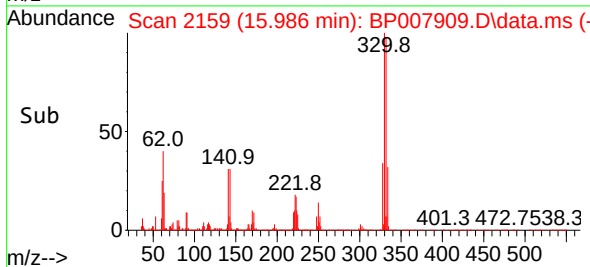
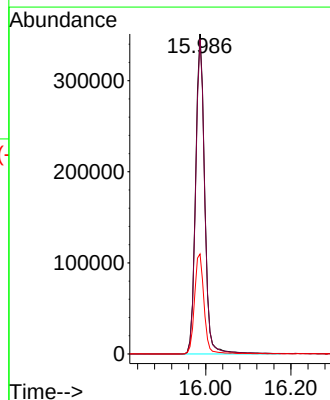
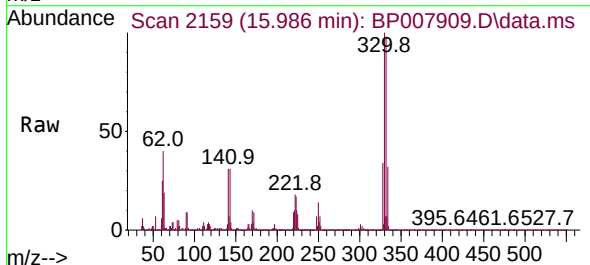
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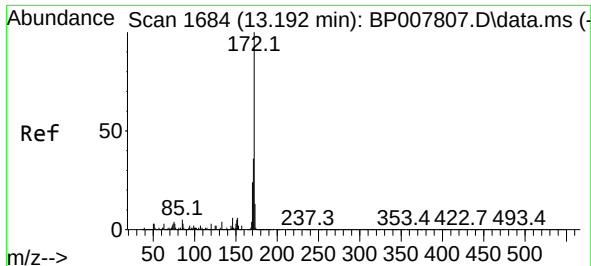
Tgt Ion:164 Resp: 365944
Ion Ratio Lower Upper
164 100
162 100.4 81.1 121.7
160 44.3 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 99.570 ng
RT: 15.986 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP007909.D
Acq: 10 Nov 2021 02:00

Tgt Ion:330 Resp: 520010
Ion Ratio Lower Upper
330 100
332 97.9 78.9 118.3
141 32.5 30.7 46.1

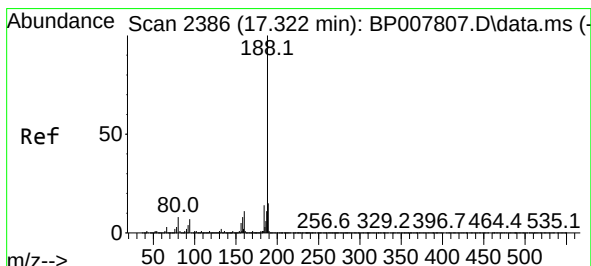
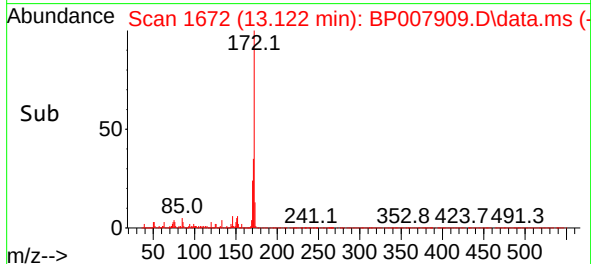
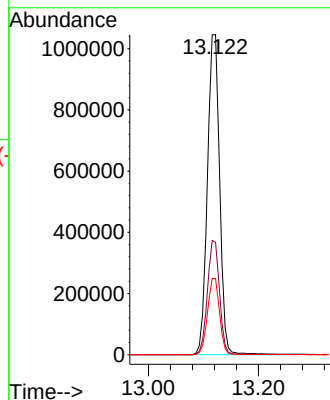
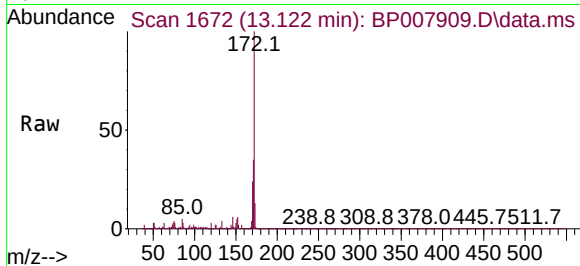




#45
2-Fluorobiphenyl
Concen: 64.197 ng
RT: 13.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007909.D
Acq: 10 Nov 2021 02:00

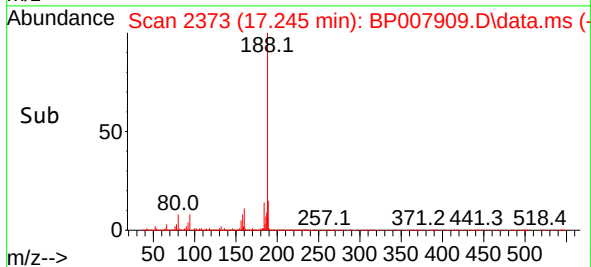
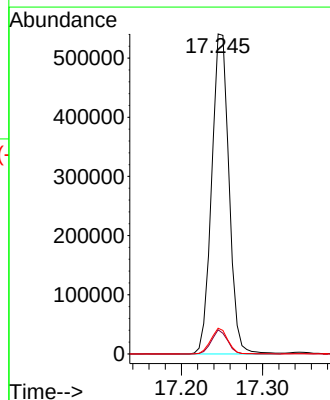
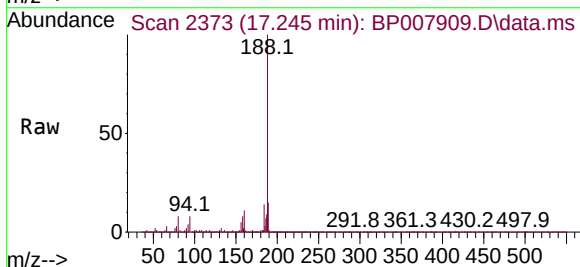
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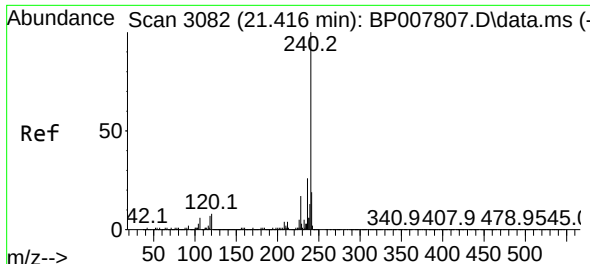
Tgt Ion:172 Resp: 1613190
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.7 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP007909.D
Acq: 10 Nov 2021 02:00

Tgt Ion:188 Resp: 800709
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.1 7.8 11.6

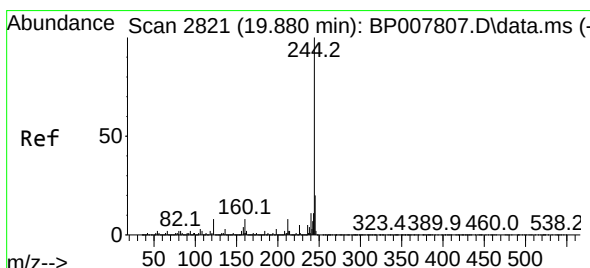
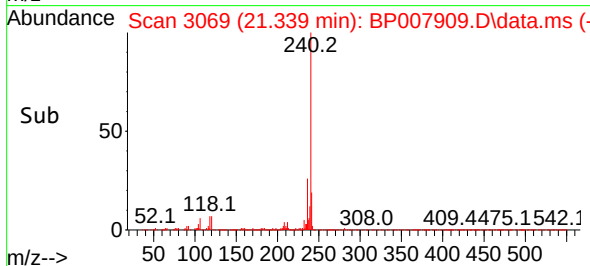
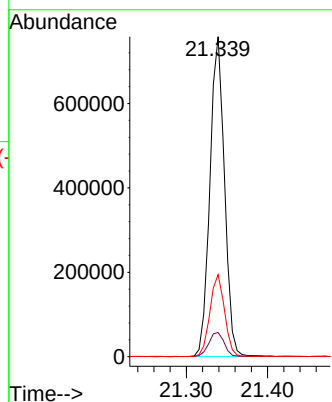
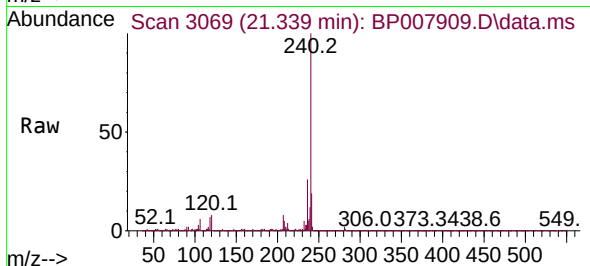




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007909.D
Acq: 10 Nov 2021 02:00

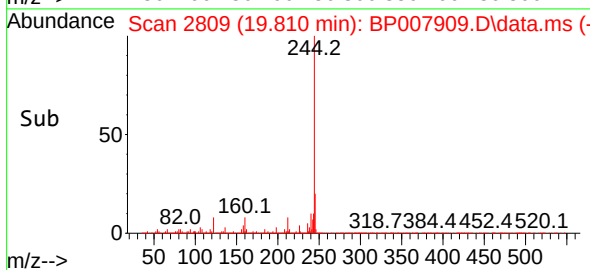
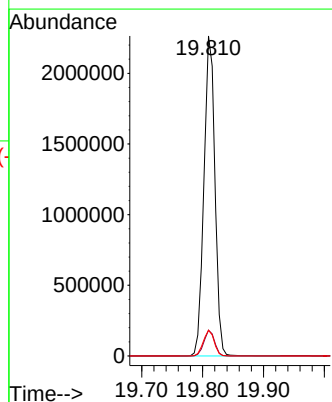
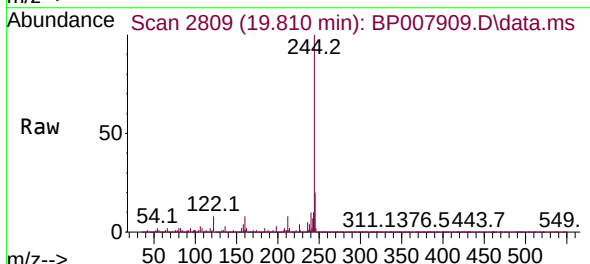
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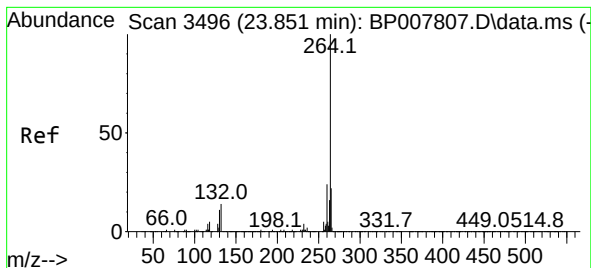
Tgt Ion:240 Resp: 944408
Ion Ratio Lower Upper
240 100
120 7.6 7.8 11.8#
236 25.6 20.6 30.8



#79
Terphenyl-d14
Concen: 61.098 ng
RT: 19.810 min Scan# 2809
Delta R.T. -0.012 min
Lab File: BP007909.D
Acq: 10 Nov 2021 02:00

Tgt Ion:244 Resp: 2833660
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 8.1 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: BP007909.D
 Acq: 10 Nov 2021 02:00

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B7-110621-0-10

Tgt Ion:264 Resp: 1061905
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 22.2 16.7 25.1

