

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022021\
 Data File : BP004837.D
 Acq On : 20 Feb 2021 11:21
 Operator : CG/JU
 Sample : PB134739BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB134739BL

Quant Time: Feb 22 04:29:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

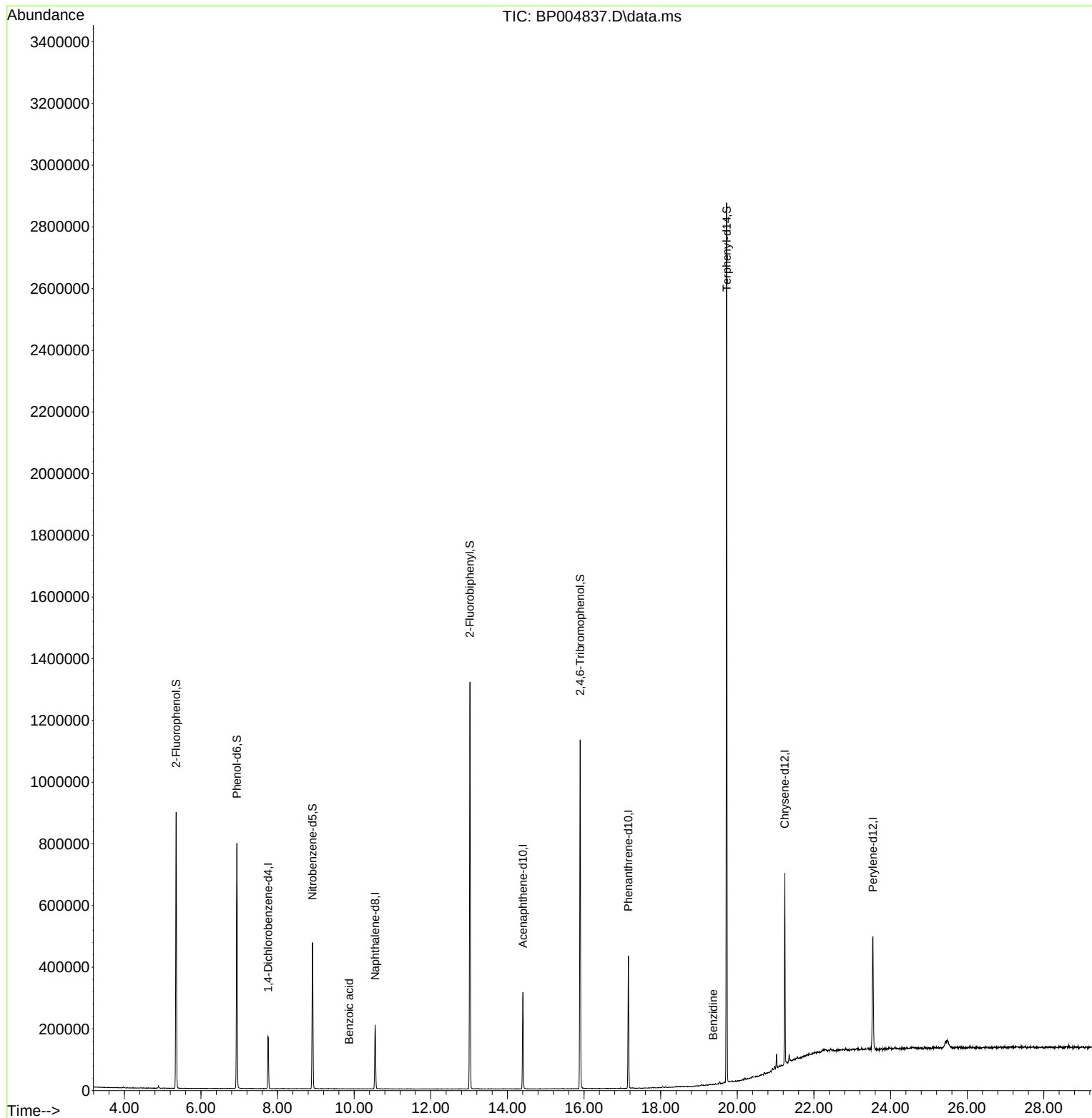
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	44737	20.00	ng	-0.01
21) Naphthalene-d8	10.545	136	164799	20.00	ng	#-0.01
39) Acenaphthene-d10	14.404	164	102796	20.00	ng	0.00
64) Phenanthrene-d10	17.157	188	240342	20.00	ng	# 0.00
76) Chrysene-d12	21.239	240	264521	20.00	ng	-0.01
86) Perylene-d12	23.539	264	266694	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	350662	121.02	ng	0.00
7) Phenol-d6	6.940	99	437586	109.82	ng	0.00
23) Nitrobenzene-d5	8.910	82	271662	71.82	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	184867	135.36	ng	-0.01
45) 2-Fluorobiphenyl	13.022	172	616559	73.31	ng	0.00
79) Terphenyl-d14	19.721	244	1115514	70.84	ng	-0.01
Target Compounds						
32) Benzoic acid	9.869	122	31	6.86	ng	# 44
77) Benzidine	19.368	184	241	2.18	ng	# 77

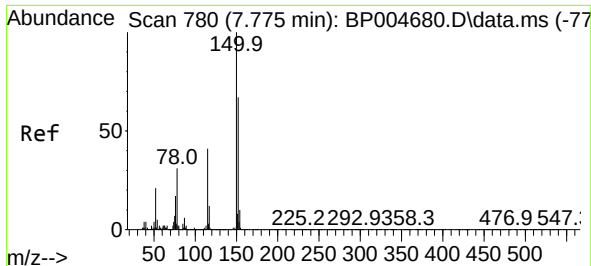
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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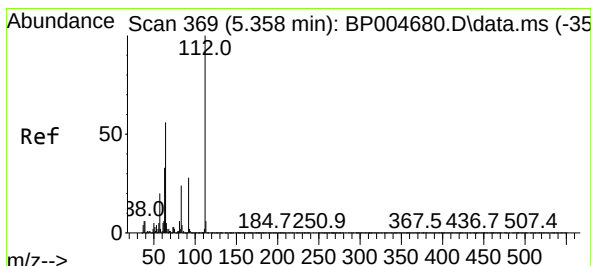
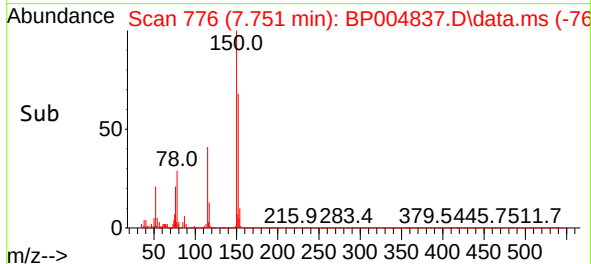
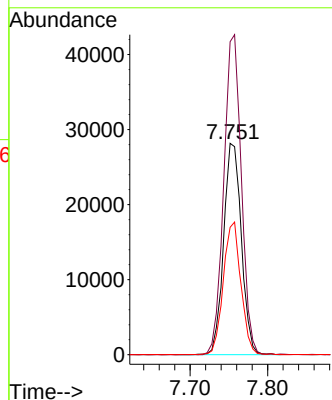
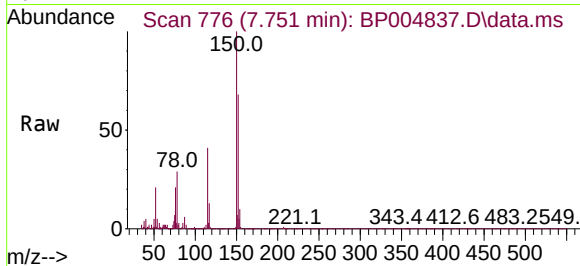




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.751 min Scan# 776
Delta R.T. -0.012 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

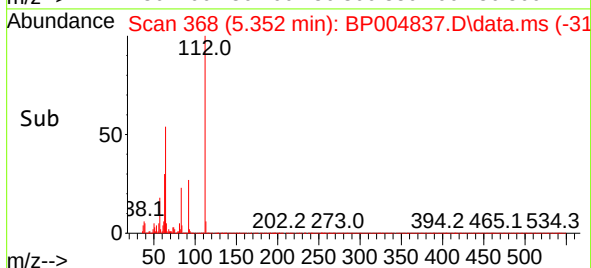
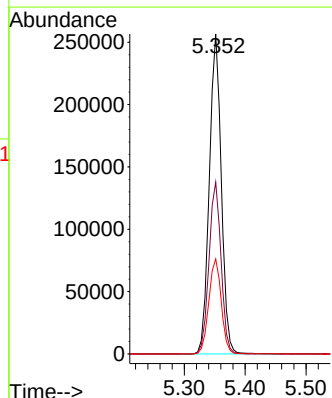
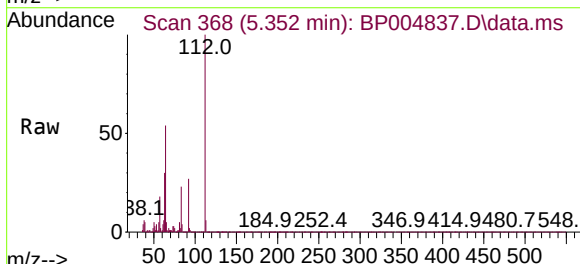
Instrument :
BNA_P
ClientSampleId :
PB134739BL

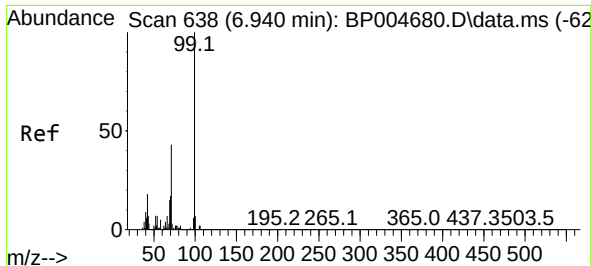
Tgt Ion:152 Resp: 44737
Ion Ratio Lower Upper
152 100
150 148.1 123.8 185.6
115 60.3 43.8 65.6



#5
2-Fluorophenol
Concen: 121.02 ng
RT: 5.352 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

Tgt Ion:112 Resp: 350662
Ion Ratio Lower Upper
112 100
64 53.7 32.8 49.2#
63 29.7 17.0 25.4#

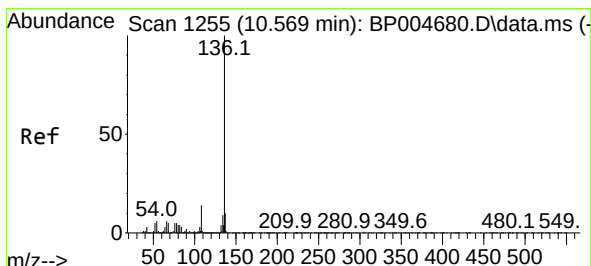
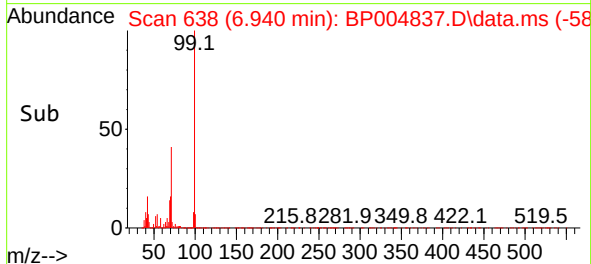
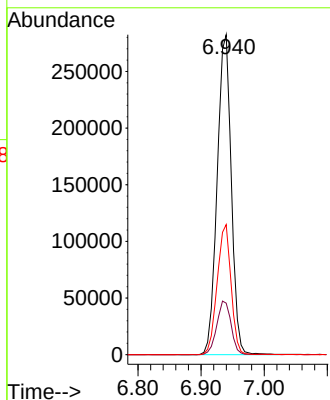
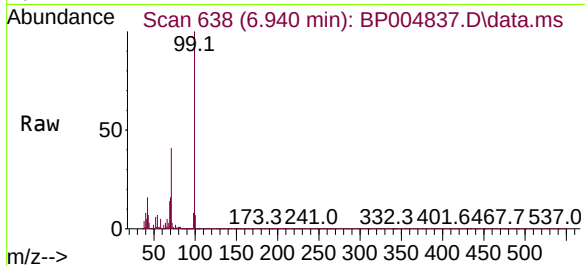




#7
Phenol-d6
Concen: 109.82 ng
RT: 6.940 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

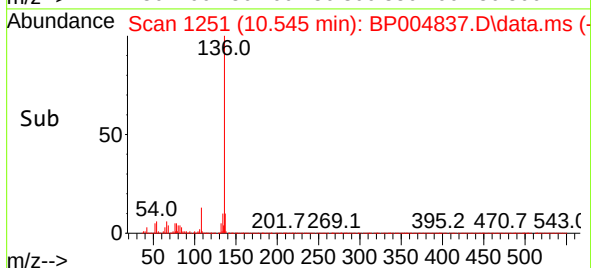
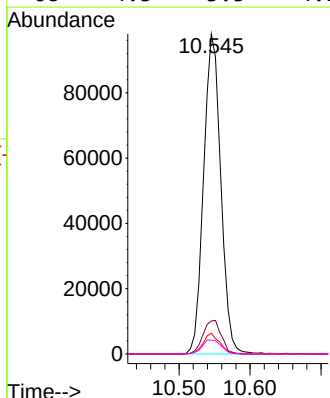
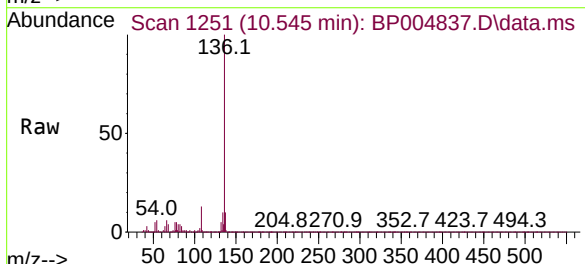
Instrument :
BNA_P
ClientSampleId :
PB134739BL

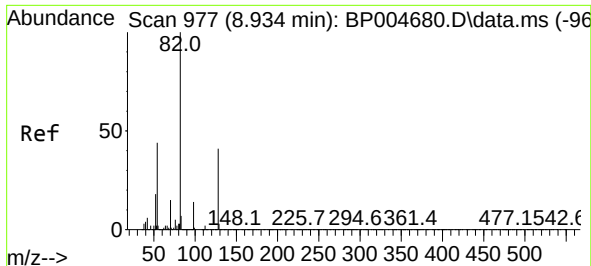
Tgt Ion: 99 Resp: 437586
Ion Ratio Lower Upper
99 100
42 16.1 8.6 13.0#
71 40.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.545 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

Tgt Ion: 136 Resp: 164799
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 6.5 3.6 5.4#
68 4.3 3.3 4.9

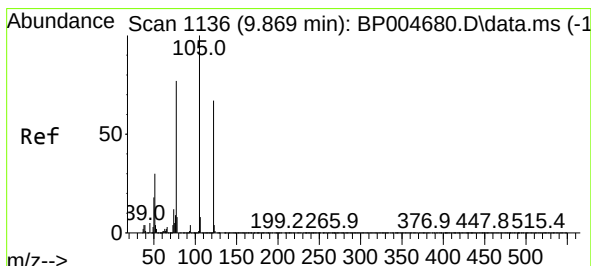
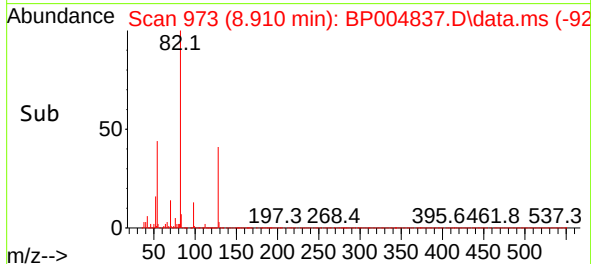
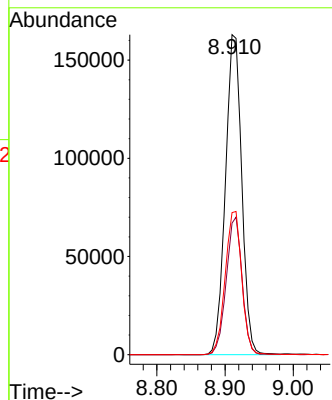
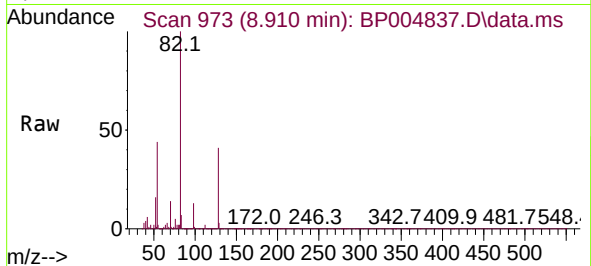




#23
Nitrobenzene-d5
Concen: 71.82 ng
RT: 8.910 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

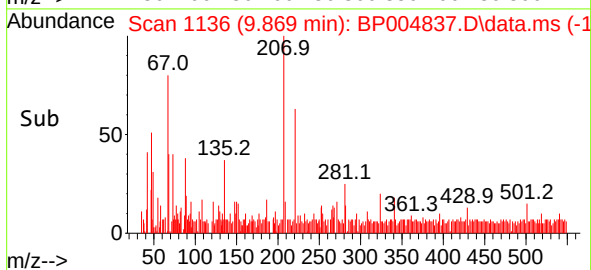
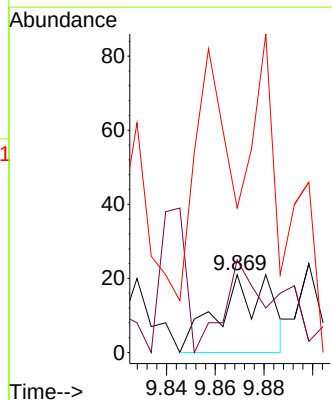
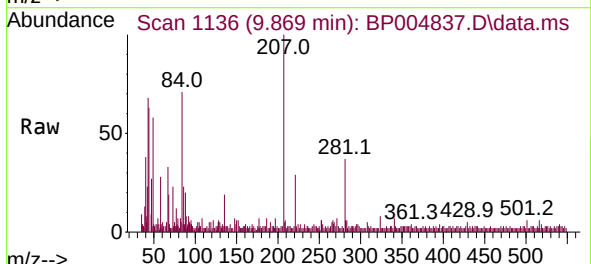
Instrument :
BNA_P
ClientSampleId :
PB134739BL

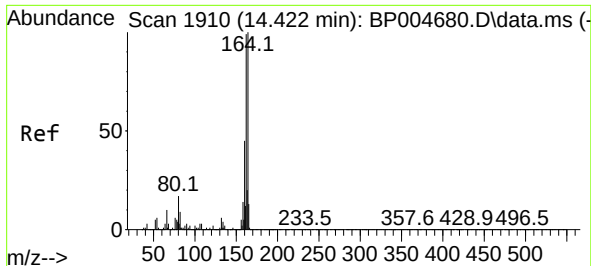
Tgt Ion: 82 Resp: 271662
Ion Ratio Lower Upper
82 100
128 41.1 45.6 68.4#
54 44.4 30.1 45.1



#32
Benzoic acid
Concen: 6.86 ng
RT: 9.869 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

Tgt Ion: 122 Resp: 31
Ion Ratio Lower Upper
122 100
105 119.0 94.1 134.1
77 185.7 50.1 90.1#

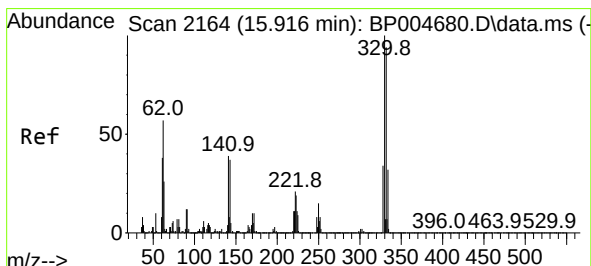
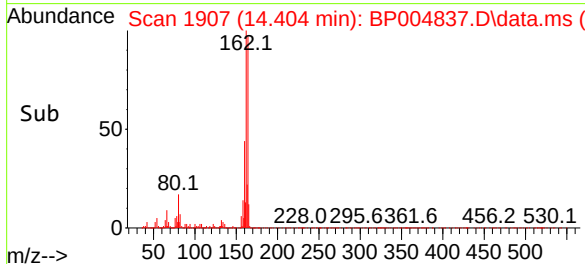
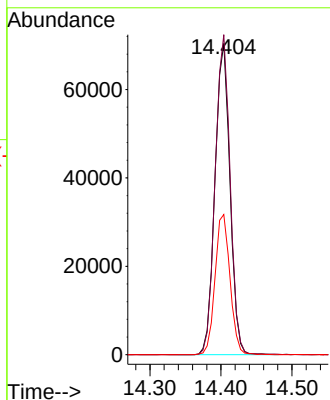
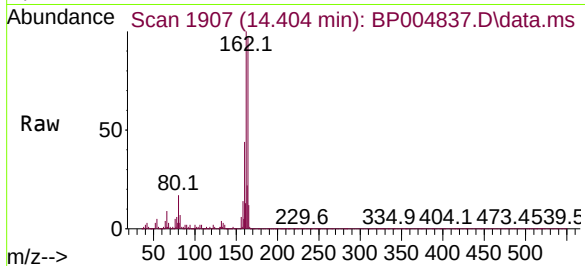




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.404 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

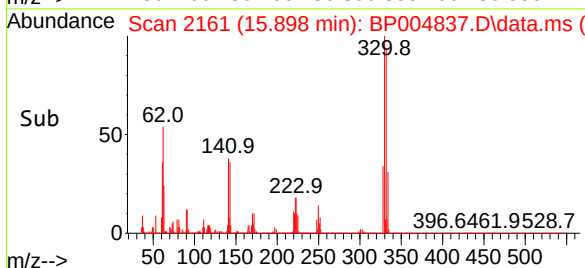
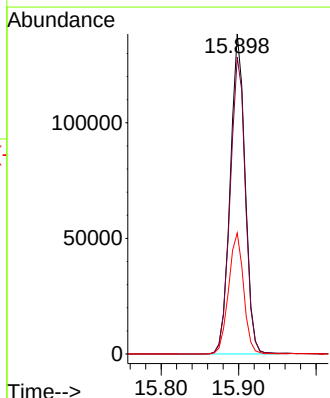
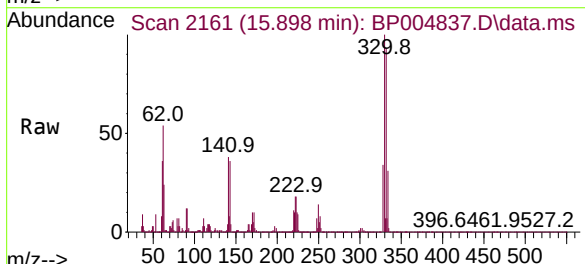
Instrument :
BNA_P
ClientSampleId :
PB134739BL

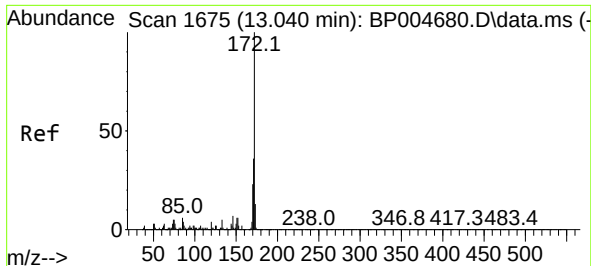
Tgt Ion:164 Resp: 102796
Ion Ratio Lower Upper
164 100
162 102.8 79.4 119.2
160 45.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 135.36 ng
RT: 15.898 min Scan# 2161
Delta R.T. -0.012 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

Tgt Ion:330 Resp: 184867
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 38.1 23.4 35.2#

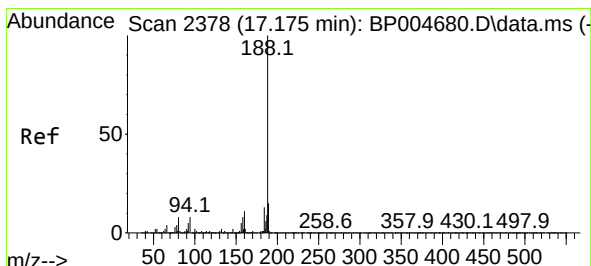
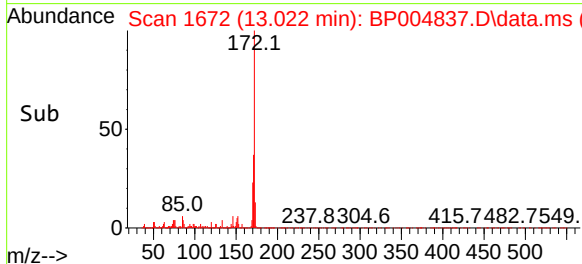
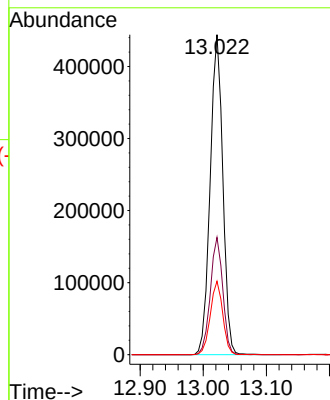
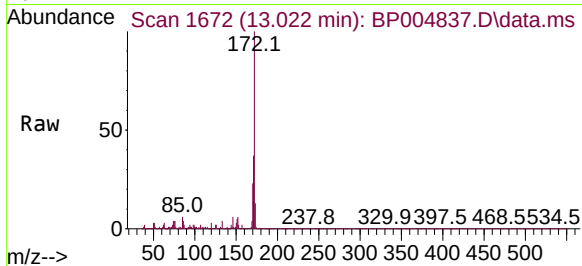




#45
2-Fluorobiphenyl
Concen: 73.31 ng
RT: 13.022 min Scan# 1672
Delta R.T. -0.006 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

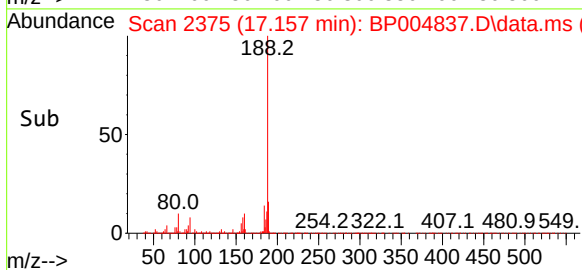
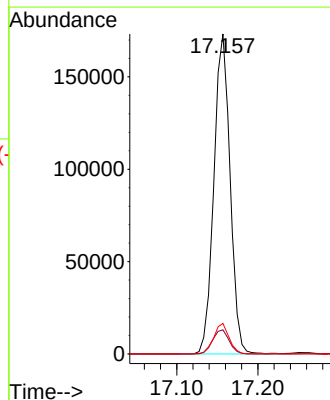
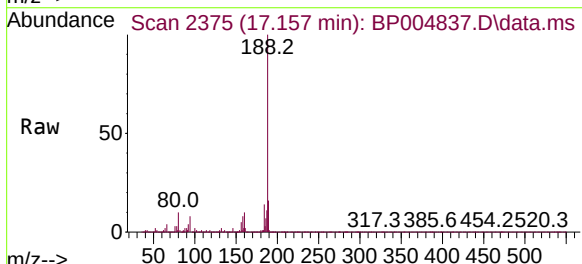
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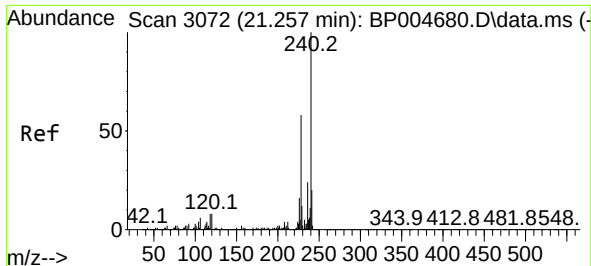
Tgt Ion:	172	Resp:	616559
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.5	42.7
170	23.0	19.2	28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.157 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

Tgt Ion:	188	Resp:	240342
Ion Ratio	Lower	Upper	
188	100		
94	7.5	6.2	9.2
80	9.5	6.2	9.2#

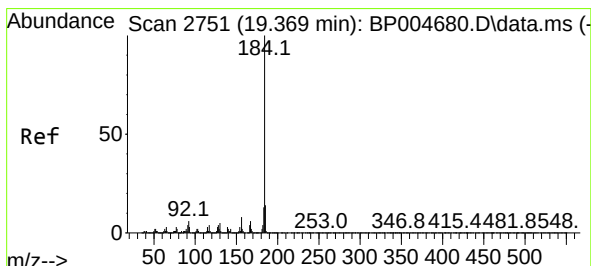
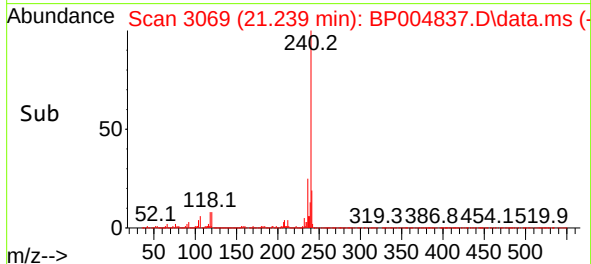
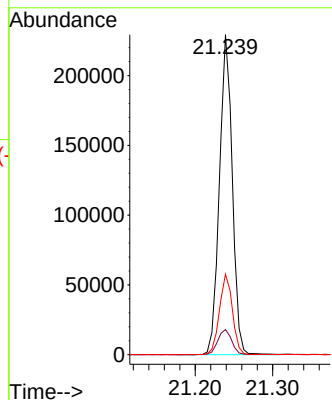
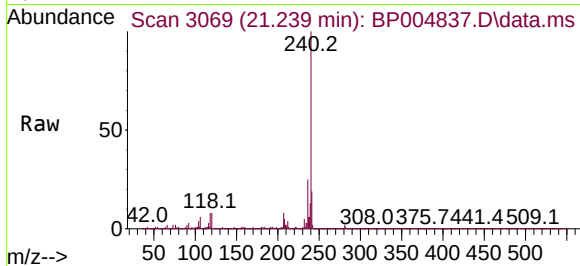




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.239 min Scan# 3069
Delta R.T. -0.012 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

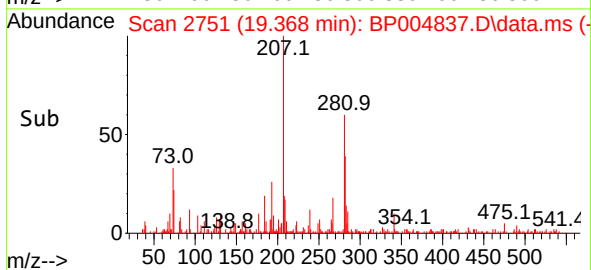
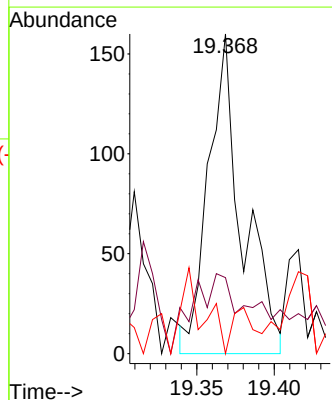
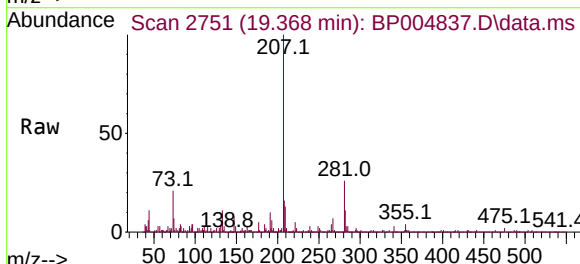
Instrument :
BNA_P
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PB134739BL

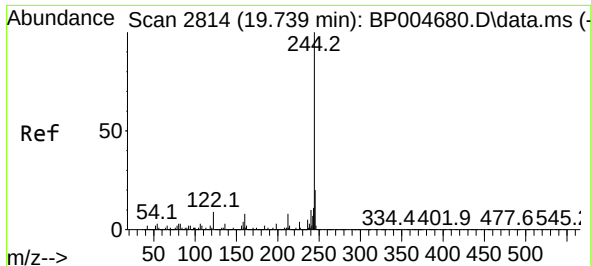
Tgt Ion:240 Resp: 264521
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.6
236 25.2 20.8 31.2



#77
Benzidine
Concen: 2.18 ng
RT: 19.368 min Scan# 2751
Delta R.T. 0.006 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

Tgt Ion:184 Resp: 241
Ion Ratio Lower Upper
184 100
185 21.2 11.5 17.3#
183 0.0 9.6 14.4#

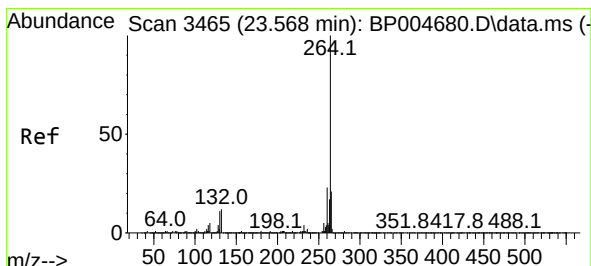
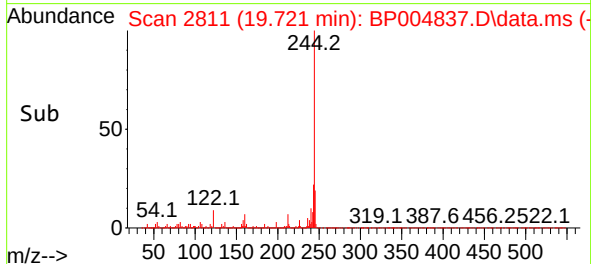
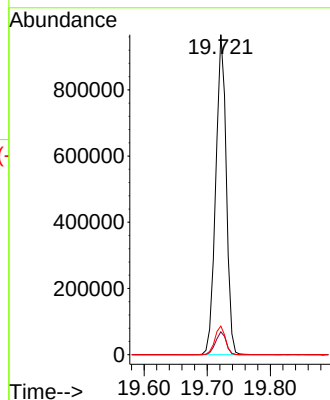
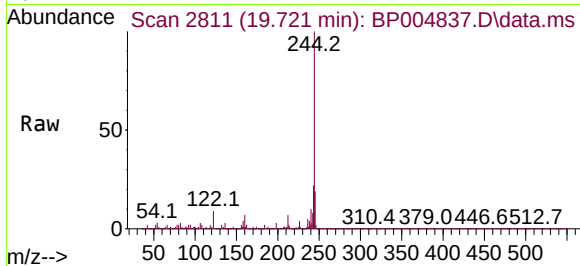




#79
Terphenyl-d14
Concen: 70.84 ng
RT: 19.721 min Scan# 2811
Delta R.T. -0.012 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

Instrument :
BNA_P
ClientSampleId :
PB134739BL

Tgt Ion:244 Resp: 1115514
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.0 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.539 min Scan# 3460
Delta R.T. -0.018 min
Lab File: BP004837.D
Acq: 20 Feb 2021 11:21

Tgt Ion:264 Resp: 266694
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 20.6 17.4 26.2

